

**To:** **Personal Privacy / Ex. 6**  
**From:** Anderson, RobinM  
**Sent:** Fri 4/11/2014 8:38:13 PM  
**Subject:** FW: Comments on the PTW Technical Memo - Portland Harbor  
PTW Tech Memo 04-10-14 Draft REV1.pdf

**From:** Sheldrake, Sean  
**Sent:** Friday, April 11, 2014 4:21 PM  
**To:** Fonseca, Silvina  
**Cc:** Anderson, RobinM; Ells, Steve; Ammon, Doug; Lambert, Matthew; Gustavson, Karl; Legare, Amy; Koch, Kristine  
**Subject:** RE: Comments on the PTW Technical Memo - Portland Harbor

Thanks Silvina, We've addressed your comments in the attached; this has been transmitted to LWG for our meeting next Tuesday to keep the project on schedule.

Have a good weekend.

S

Sean Sheldrake, Unit Diving Officer, RPM

EPA Region 10, 1200 Sixth Ave., Suite 900

Seattle, WA 98101

**206.553.1220** desk

**206.225.6528** cell

<http://yosemite.epa.gov/r10/cleanup.nsf/sites/ptldharbor>

<http://www.epa.gov/region10/dive/>

Like us on Facebook! <https://www.facebook.com/EPADivers>

**From:** Fonseca, Silvina  
**Sent:** Friday, April 11, 2014 10:38 AM  
**To:** Koch, Kristine; Sheldrake, Sean  
**Cc:** Anderson, RobinM; Ells, Steve; Ammon, Doug; Lambert, Matthew; Gustavson, Karl; Legare, Amy  
**Subject:** RE: Comments on the PTW Technical Memo - Portland Harbor

Kristine and Sean,

We do not recommend

**Deliberative Process / Ex. 5**

**Deliberative Process / Ex. 5**

**Deliberative Process / Ex. 5**

If you have any questions please let me know and we can discuss.

Silvina Fonseca, Environmental Engineer  
Office of Superfund Remediation and Technology Innovation

Phone #: 703-603-8799  
Fax #: 703-603-9104

**From:** Koch, Kristine  
**Sent:** Wednesday, April 09, 2014 5:18 PM  
**To:** Fonseca, Silvina; Sheldrake, Sean  
**Cc:** Anderson, RobinM; Ells, Steve; Ammon, Doug; Lambert, Matthew; Gustavson, Karl; Legare, Amy  
**Subject:** RE: Comments on the PTW Technical Memo - Portland Harbor

Silvina – Thanks for the comments. We will be incorporating these into the memo. Just so you

**Deliberative Process / Ex. 5**

Regards,

Kristine Koch  
Remedial Project Manager  
USEPA, Office of Environmental Cleanup

U. S. Environmental Protection Agency  
Region 10  
1200 Sixth Avenue, Suite 900, M/S ECL-115  
Seattle, Washington 98101-3140

(206)553-6705  
(206)553-0124 (fax)  
1-800-424-4372 extension 6705 (M-F, 8-4 Pacific Time, only)

**From:** Fonseca, Silvina  
**Sent:** Wednesday, April 09, 2014 1:25 PM  
**To:** Sheldrake, Sean; Koch, Kristine  
**Cc:** Anderson, RobinM; Ells, Steve; Ammon, Doug; Lambert, Matthew; Gustavson, Karl; Legare, Amy  
**Subject:** Comments on the PTW Technical Memo - Portland Harbor

Sean and Kristine,

We (Steve Ells, Robin Anderson, Doug Ammon, Matt Lambert, Karl Gustavson and I) met this morning to discuss the draft PTW Technical Memo. Given your short turn around request for input on this memo I am sending you today our general comments/issues/concerns we have with the current draft. I will be providing, at a later time – maybe by the end of the week, a redline/strikeout version of the document with specific comments and text edits. Thought these general issues could get you started in preparation for your meeting on the 15<sup>th</sup>.

First of all we would like to commend you on attempting to analyze the potential for PTW waste at this site and develop a rationale and to have a conversation on this topic early in the process and for reaching out to us for input.

# **Deliberative Process / Ex. 5**



# Deliberative Process / Ex. 5

Please let me know if you have any questions. We are available to discuss further with you, if needed.

Silvina Fonseca, Environmental Engineer  
Office of Superfund Remediation and Technology Innovation

Phone #: 703-603-8799  
Fax #: 703-603-9104

**To:** Fonseca, Silvina[Fonseca.Silvina@epa.gov]  
**Cc:** Ammon, Doug[Ammon.Doug@epa.gov]; Ells, Steve[Ells.Steve@epa.gov]  
**From:** Anderson, RobinM  
**Sent:** Fri 4/11/2014 1:16:51 PM  
**Subject:** RE: Comments on the PTW Technical Memo - Portland Harbor

# Deliberative Process / Ex. 5

**From:** Fonseca, Silvina  
**Sent:** Thursday, April 10, 2014 4:42 PM  
**To:** Anderson, RobinM; Ammon, Doug; Ells, Steve; Legare, Amy  
**Subject:** RE: Comments on the PTW Technical Memo - Portland Harbor

# Deliberative Process / Ex. 5

Silvina Fonseca, Environmental Engineer  
Office of Superfund Remediation and Technology Innovation

Phone #: 703-603-8799  
Fax #: 703-603-9104

**From:** Anderson, RobinM  
**Sent:** Thursday, April 10, 2014 8:25 AM  
**To:** Fonseca, Silvina; Ammon, Doug; Ells, Steve; Legare, Amy  
**Subject:** FW: Comments on the PTW Technical Memo - Portland Harbor

# Deliberative Process / Ex. 5

# Deliberative Process / Ex. 5

**From:** Koch, Kristine

**Sent:** Wednesday, April 09, 2014 5:18 PM

**To:** Fonseca, Silvina; Sheldrake, Sean

**Cc:** Anderson, RobinM; Ells, Steve; Ammon, Doug; Lambert, Matthew; Gustavson, Karl; Legare, Amy

**Subject:** RE: Comments on the PTW Technical Memo - Portland Harbor

Silvina – Thanks for the comments. We will be incorporating these into the memo. Just so you

# Deliberative Process / Ex. 5

Regards,

Kristine Koch  
Remedial Project Manager  
USEPA, Office of Environmental Cleanup

U. S. Environmental Protection Agency  
Region 10  
1200 Sixth Avenue, Suite 900, M/S ECL-115  
Seattle, Washington 98101-3140

(206)553-6705  
(206)553-0124 (fax)  
1-800-424-4372 extension 6705 (M-F, 8-4 Pacific Time, only)

**From:** Fonseca, Silvina  
**Sent:** Wednesday, April 09, 2014 1:25 PM  
**To:** Sheldrake, Sean; Koch, Kristine  
**Cc:** Anderson, RobinM; Ells, Steve; Ammon, Doug; Lambert, Matthew; Gustavson, Karl; Legare, Amy  
**Subject:** Comments on the PTW Technical Memo - Portland Harbor

Sean and Kristine,

We (Steve Ells, Robin Anderson, Doug Ammon, Matt Lambert, Karl Gustavson and I) met this morning to discuss the draft PTW Technical Memo. Given your short turn around request for input on this memo I am sending you today our general comments/issues/concerns we have with the current draft. I will be providing, at a later time – maybe by the end of the week, a redline/strikeout version of the document with specific comments and text edits. Thought these general issues could get you started in preparation for your meeting on the 15<sup>th</sup>.

First of all we would like to commend you on attempting to analyze the potential for PTW waste at this site and develop a rationale and to have a conversation on this topic early in the process and for reaching out to us for input.

**Deliberative Process / Ex. 5**

# **Deliberative Process / Ex. 5**

# Deliberative Process / Ex. 5

Please let me know if you have any questions. We are available to discuss further with you, if needed.

Silvina Fonseca, Environmental Engineer  
Office of Superfund Remediation and Technology Innovation

Phone #: 703-603-8799  
Fax #: 703-603-9104

**To:** Woolford, James[Woolford.James@epa.gov]; Ammon, Doug[Ammon.Doug@epa.gov]; Ells, Steve[Ells.Steve@epa.gov]; Charters, David[Charters.DavidW@epa.gov]; Legare, Amy[Legare.Amy@epa.gov]  
**Cc:** Christopher, Anne[Christopher.Anne@epa.gov]  
**From:** Fonseca, Silvina  
**Sent:** Fri 4/22/2016 8:43:46 PM  
**Subject:** FW: SWAC vs RAL PCB DDX PAH  
SWAC Uncertainty Analysis 2016\_04\_14.docx

Silvina Fonseca, Environmental Engineer  
Office of Superfund Remediation and Technology Innovation

Phone #: 703-603-8799  
Fax #: 703-603-9104

**From:** Koch, Kristine  
**Sent:** Friday, April 22, 2016 4:38 PM  
**To:** Fonseca, Silvina <Fonseca.Silvina@epa.gov>  
**Subject:** FW: SWAC vs RAL PCB DDX PAH  
**Importance:** High

Heard you wanted this. It isn't final, but the three figures I think you want are not changing.

Kristine Koch  
Remedial Project Manager  
USEPA, Office of Environmental Cleanup

U. S. Environmental Protection Agency  
Region 10  
1200 Sixth Avenue, Suite 900, M/S ECL-122  
Seattle, Washington 98101-3140

(206)553-6705  
(206)553-8581 (fax)  
1-800-424-4372 extension 6705 (M-F, 8-4 Pacific Time, only)

**From:** Coffey, Scott [mailto:CoffeySE@cdmsmith.com]  
**Sent:** Monday, April 18, 2016 1:27 PM  
**To:** Koch, Kristine <Koch.Kristine@epa.gov>; Allen, Elizabeth <allen.elizabeth@epa.gov>;



Sheldrake, Sean <[sheldrake.sean@epa.gov](mailto:sheldrake.sean@epa.gov)>

**Cc:** Hazen, Gary <[HazenGL@cdmsmith.com](mailto:HazenGL@cdmsmith.com)>; Blischke, Eric <[blischkee@cdmsmith.com](mailto:blischkee@cdmsmith.com)>;  
Chan, Arthur <[ChanWC@cdmsmith.com](mailto:ChanWC@cdmsmith.com)>; Foster, Malena L. <[fosterm1@cdmsmith.com](mailto:fosterm1@cdmsmith.com)>;

Personal Privacy / Ex. 6

**Personal Privacy / Ex. 6**

**Subject:** FW: SWAC vs RAL PCB DDX PAH

**Importance:** High

Hi Kristine.

Attached is John's memo (to become Appendix I). This is a more complete version for your review/input. As John states below, please contact him if you have any questions.

Also let us know if you want a conclusion section. If yes, we should probably have a brief meeting discussing what the conclusions should focus on.

Scott

**From:** **Personal Privacy / Ex. 6** John Kern  
**Sent:** Monday, April 18, 2016 1:21 PM  
**To:** Coffey, Scott <[CoffeySE@cdmsmith.com](mailto:CoffeySE@cdmsmith.com)>  
**Subject:** SWAC vs RAL PCB DDX PAH

Hello Scott,

At long last, here is the memo summarizing the SWAC vs RAL uncertainty analysis. Let me know if you have questions, and encourage EPA to comment and ask any questions they may have. Note I didn't do any sort of discussion or conclusions, as these usually end up getting off track and causing problems. I can add such a section if you/EPA would like, but I would want to do it in conjunction with you and EPA input.

Thanks for your patience,

John

--

John W. Kern PhD  
Kern Statistical Services, Inc.  
5175 NE River RD  
Sauk Rapids, MN 56379  
T: 320-281-0676

C: Deliberative Process / Ex. 5

**To:** Fonseca, Silvina[Fonseca.Silvina@epa.gov]; Greenberg, Marc[Greenberg.Marc@epa.gov]; Ells, Steve[Ells.Steve@epa.gov]  
**Cc:** Charters, David[Charters.DavidW@epa.gov]  
**From:** Charters, David  
**Sent:** Tue 3/15/2016 7:15:10 PM  
**Subject:** RE: Please do not share....  
3-7-16 Draft PH Proposed Plan DWC comments.docx

Minor suggested changes to the Eco risk section

**From:** Fonseca, Silvina  
**Sent:** Tuesday, March 15, 2016 10:48 AM  
**To:** Greenberg, Marc <Greenberg.Marc@epa.gov>; Charters, David <Charters.DavidW@epa.gov>; Ells, Steve <Ells.Steve@epa.gov>  
**Subject:** RE: Please do not share....

Right now it's just Anne and I writing up the PP. Kristine and Elizabeth are working on the FS. Maybe we can tap into Burt.

Silvina Fonseca, Environmental Engineer  
Office of Superfund Remediation and Technology Innovation

Phone #: 703-603-8799  
Fax #: 703-603-9104

**From:** Greenberg, Marc  
**Sent:** Tuesday, March 15, 2016 10:46 AM  
**To:** Fonseca, Silvina <Fonseca.Silvina@epa.gov>; Charters, David <Charters.DavidW@epa.gov>; Ells, Steve <Ells.Steve@epa.gov>  
**Subject:** RE: Please do not share....

I wrote that eco section for Gowanus with Joel Singerman and Christos Tsiamis, so feel free to pirate any language that would work. Someone from the Region who is close to the nuts and bolts of the Portland ERA might be able to write it up for this PRAP? Or is that not possible?

-----  
Marc S. Greenberg, Ph.D.  
Deputy Branch Chief  
U.S. EPA - Environmental Response Team

OLEM/OSRTI/TIFSD/ERT

2890 Woodbridge Ave., Bldg. 205  
Edison, NJ 08837  
+1 (732) 452 6413 office

+1 (609) 865-3924 mobile

[greenberg.marc@epa.gov](mailto:greenberg.marc@epa.gov)

**From:** Fonseca, Silvina  
**Sent:** Tuesday, March 15, 2016 10:41 AM  
**To:** Greenberg, Marc <[Greenberg.Marc@epa.gov](mailto:Greenberg.Marc@epa.gov)>; Charters, David  
<[Charters.DavidW@epa.gov](mailto:Charters.DavidW@epa.gov)>; Ells, Steve <[Ells.Steve@epa.gov](mailto:Ells.Steve@epa.gov)>  
**Subject:** RE: Please do not share....

Thanks Marc. I think some of the language in the PP is from the Passaic PP. Thanks for including Gowanus. Maybe David and Steve can look at Gowanus and draft up some language for Portland?

Silvina Fonseca, Environmental Engineer  
Office of Superfund Remediation and Technology Innovation

Phone #: 703-603-8799  
Fax #: 703-603-9104

**From:** Greenberg, Marc  
**Sent:** Tuesday, March 15, 2016 10:37 AM  
**To:** Fonseca, Silvina <[Fonseca.Silvina@epa.gov](mailto:Fonseca.Silvina@epa.gov)>; Charters, David  
<[Charters.DavidW@epa.gov](mailto:Charters.DavidW@epa.gov)>; Ells, Steve <[Ells.Steve@epa.gov](mailto:Ells.Steve@epa.gov)>  
**Subject:** RE: Please do not share....

Hi Silvina,

High-level comments:

# Deliberative Process / Ex. 5

I've attached the Gowanus Canal PRAP here so you can see how the benthic component of the ecorisk assessment and the PRGs were described. Perhaps this will be helpful to the Portland team.

Thanks for the look at the draft,

Marc

-----

Marc S. Greenberg, Ph.D.  
Deputy Branch Chief  
U.S. EPA - Environmental Response Team

OLEM/OSRTI/TIFSD/ERT

2890 Woodbridge Ave., Bldg. 205  
Edison, NJ 08837

+1 (732) 452 6413 office

+1 (609) 865-3924 mobile

[greenberg.marc@epa.gov](mailto:greenberg.marc@epa.gov)

**From:** Fonseca, Silvina

**Sent:** Thursday, March 10, 2016 7:29 PM

**To:** Greenberg, Marc <[Greenberg.Marc@epa.gov](mailto:Greenberg.Marc@epa.gov)>; Charters, David

<[Charters.DavidW@epa.gov](mailto:Charters.DavidW@epa.gov)>; Ells, Steve <[Ells.Steve@epa.gov](mailto:Ells.Steve@epa.gov)>

**Subject:** Please do not share....

Hi Marc, David and Steve (although you and I have already spoken about this),

Attached you will find the draft of the PP that Anne and I are working on. I would like for you to look at the eco PRG section and let me know your thoughts on how much we should or should not include. Realizing that we can always include more in the ROD.

Silvina Fonseca, Environmental Engineer  
Office of Superfund Remediation and Technology Innovation

Phone #: 703-603-8799

Fax #: 703-603-9104

**To:** Greenberg, Marc[Greenberg.Marc@epa.gov]; Ells, Steve[Ells.Steve@epa.gov]; Charters, David[Charters.DavidW@epa.gov]; Sprenger, Mark[Sprenger.Mark@epa.gov]  
**Cc:** Gustavson, Karl[Gustavson.Karl@epa.gov]; Legare, Amy[Legare.Amy@epa.gov]  
**From:** Fonseca, Silvina  
**Sent:** Thur 3/10/2016 11:13:58 PM  
**Subject:** RE: Draft Responses to NRRB recommendations on eco

Whewww! Glad we got that squared out.

Silvina Fonseca, Environmental Engineer  
Office of Superfund Remediation and Technology Innovation

Phone #: 703-603-8799  
Fax #: 703-603-9104

---

**From:** Greenberg, Marc  
**Sent:** Thursday, March 10, 2016 3:23 PM  
**To:** Ells, Steve <Ells.Steve@epa.gov>; Charters, David <Charters.DavidW@epa.gov>; Sprenger, Mark <Sprenger.Mark@epa.gov>  
**Cc:** Fonseca, Silvina <Fonseca.Silvina@epa.gov>; Gustavson, Karl <Gustavson.Karl@epa.gov>; Legare, Amy <Legare.Amy@epa.gov>  
**Subject:** RE: Draft Responses to NRRB recommendations on eco

Oh, I see the confusion from my last sentence. Should have been...

## Deliberative Process / Ex. 5

Thx  
-----

Marc S. Greenberg, Ph.D.  
Deputy Branch Chief  
U.S. EPA - Environmental Response Team  
OLEM/OSRTI/TIFSD/ERT

2890 Woodbridge Ave., Bldg. 205  
Edison, NJ 08837  
+1 (732) 452 6413 office  
+1 (609) 865-3924 mobile  
[greenberg.marc@epa.gov](mailto:greenberg.marc@epa.gov)

---

**From:** Ells, Steve  
**Sent:** Thursday, March 10, 2016 3:09 PM

**To:** Charters, David <[Charters.DavidW@epa.gov](mailto:Charters.DavidW@epa.gov)>; Greenberg, Marc <[Greenberg.Marc@epa.gov](mailto:Greenberg.Marc@epa.gov)>; Sprenger, Mark <[Sprenger.Mark@epa.gov](mailto:Sprenger.Mark@epa.gov)>  
**Cc:** Fonseca, Silvina <[Fonseca.Silvina@epa.gov](mailto:Fonseca.Silvina@epa.gov)>; Gustavson, Karl <[Gustavson.Karl@epa.gov](mailto:Gustavson.Karl@epa.gov)>; Legare, Amy <[Legare.Amy@epa.gov](mailto:Legare.Amy@epa.gov)>  
**Subject:** RE: Draft Responses to NRRB recommendations on eco

OK, thanks for all the quick feedback. Sounds like from both a NRRB/CSTAG and HQ team perspective, then we are done. The Appendix to the EPA FS being revised by Elizabeth and KK just needs to reflect the results of the final BERA and the PRGs presented there. Sounds good to me.

---

**From:** Charters, David  
**Sent:** Thursday, March 10, 2016 3:00 PM  
**To:** Greenberg, Marc <[Greenberg.Marc@epa.gov](mailto:Greenberg.Marc@epa.gov)>; Ells, Steve <[Ells.Steve@epa.gov](mailto:Ells.Steve@epa.gov)>; Sprenger, Mark <[Sprenger.Mark@epa.gov](mailto:Sprenger.Mark@epa.gov)>  
**Cc:** Lambert, Matthew <[Lambert.Matthew@epa.gov](mailto:Lambert.Matthew@epa.gov)>; Fonseca, Silvina <[Fonseca.Silvina@epa.gov](mailto:Fonseca.Silvina@epa.gov)>; Gustavson, Karl <[Gustavson.Karl@epa.gov](mailto:Gustavson.Karl@epa.gov)>; Legare, Amy <[Legare.Amy@epa.gov](mailto:Legare.Amy@epa.gov)>  
**Subject:** RE: Draft Responses to NRRB recommendations on eco

**Deliberative Process / Ex. 5**

Deliberative Process / Ex. 5

**Deliberative Process / Ex. 5**

---

**From:** Greenberg, Marc  
**Sent:** Thursday, March 10, 2016 2:58 PM  
**To:** Ells, Steve <[Ells.Steve@epa.gov](mailto:Ells.Steve@epa.gov)>; Sprenger, Mark <[Sprenger.Mark@epa.gov](mailto:Sprenger.Mark@epa.gov)>  
**Cc:** Charters, David <[Charters.DavidW@epa.gov](mailto:Charters.DavidW@epa.gov)>; Lambert, Matthew <[Lambert.Matthew@epa.gov](mailto:Lambert.Matthew@epa.gov)>; Fonseca, Silvina <[Fonseca.Silvina@epa.gov](mailto:Fonseca.Silvina@epa.gov)>; Gustavson, Karl <[Gustavson.Karl@epa.gov](mailto:Gustavson.Karl@epa.gov)>; Legare, Amy <[Legare.Amy@epa.gov](mailto:Legare.Amy@epa.gov)>  
**Subject:** RE: Draft Responses to NRRB recommendations on eco

If **Deliberative Process / Ex. 5**

**Deliberative Process / Ex. 5**

This specific recommendation was written for RAO 5 only. I wrote it with concurrence from Mark S. and Charles.

If **Deliberative Process / Ex. 5**

**Deliberative Process / Ex. 5**

-----



Marc S. Greenberg, Ph.D.  
Deputy Branch Chief  
U.S. EPA - Environmental Response Team  
OLEM/OSRTI/TIFSD/ERT

2890 Woodbridge Ave., Bldg. 205  
Edison, NJ 08837  
+1 (732) 452 6413 office  
+1 (609) 865-3924 mobile  
[greenberg.marc@epa.gov](mailto:greenberg.marc@epa.gov)

---

**From:** Ells, Steve

**Sent:** Thursday, March 10, 2016 2:48 PM

**To:** Sprenger, Mark <[Sprenger.Mark@epa.gov](mailto:Sprenger.Mark@epa.gov)>; Greenberg, Marc <[Greenberg.Marc@epa.gov](mailto:Greenberg.Marc@epa.gov)>

**Cc:** Charters, David <[Charters.DavidW@epa.gov](mailto:Charters.DavidW@epa.gov)>; Lambert, Matthew <[Lambert.Matthew@epa.gov](mailto:Lambert.Matthew@epa.gov)>;  
Fonseca, Silvina <[Fonseca.Silvina@epa.gov](mailto:Fonseca.Silvina@epa.gov)>; Gustavson, Karl <[Gustavson.Karl@epa.gov](mailto:Gustavson.Karl@epa.gov)>; Legare, Amy  
<[Legare.Amy@epa.gov](mailto:Legare.Amy@epa.gov)>

**Subject:** FW: Draft Responses to NRRB recommendations on eco

Mark and Marc,

**Deliberative Process / Ex. 5**

does the Board need to re-look at what is being used? Did all your comments (see recommendation below) apply only to RAO 5 and the sediment numbers for benthos; i.e., were all the other PRGs for RAOs 6, 7, and 8 were OK with you guys?

Steve

---

**From:** Legare, Amy

**Sent:** Tuesday, March 08, 2016 4:55 PM

**To:** Ells, Steve <[Ells.Steve@epa.gov](mailto:Ells.Steve@epa.gov)>; Fonseca, Silvina <[Fonseca.Silvina@epa.gov](mailto:Fonseca.Silvina@epa.gov)>

**Subject:** RE: Draft Responses to NRRB recommendations

**Deliberative Process / Ex. 5**

I'm confused.

**Deliberative Process / Ex. 5**

# Deliberative Process / Ex. 5

# Deliberative Process / Ex. 5

---

**From:** Ells, Steve

**Sent:** Tuesday, March 08, 2016 4:01 PM

**To:** Legare, Amy <[Legare.Amy@epa.gov](mailto:Legare.Amy@epa.gov)>; Fonseca, Silvina <[Fonseca.Silvina@epa.gov](mailto:Fonseca.Silvina@epa.gov)>

**Subject:** RE: Draft Responses to NRRB recommendations

My comments is based on my review of the draft FS, not my review of the NRRB response. We are

**Deliberative Process / Ex. 5**

---

**From:** Legare, Amy

**Sent:** Tuesday, March 08, 2016 3:58 PM

**To:** Ells, Steve <[Ells.Steve@epa.gov](mailto:Ells.Steve@epa.gov)>; Fonseca, Silvina <[Fonseca.Silvina@epa.gov](mailto:Fonseca.Silvina@epa.gov)>

**Subject:** RE: Draft Responses to NRRB recommendations

I thought

**Deliberative Process / Ex. 5**

---

**From:** Ells, Steve

**Sent:** Tuesday, March 08, 2016 10:02 AM

**To:** Legare, Amy <[Legare.Amy@epa.gov](mailto:Legare.Amy@epa.gov)>; Fonseca, Silvina <[Fonseca.Silvina@epa.gov](mailto:Fonseca.Silvina@epa.gov)>

**Subject:** RE: Draft Responses to NRRB recommendations

## Deliberative Process / Ex. 5

**Deliberative Process / Ex. 5**

I think we just need to bring forward the key info in the BERA to the FS, e.g., in Appendix B.

---

**From:** Legare, Amy

**Sent:** Tuesday, March 08, 2016 9:30 AM

**To:** Ells, Steve <[Ells.Steve@epa.gov](mailto:Ells.Steve@epa.gov)>; Fonseca, Silvina <[Fonseca.Silvina@epa.gov](mailto:Fonseca.Silvina@epa.gov)>

**Subject:** RE: Draft Responses to NRRB recommendations

OK, what I'm looking for are prior comments on the derivation of the eco PRGs.

Deliberative Process / Ex. 5

Deliberative Process / Ex. 5

Deliberative Process / Ex. 5

I thought

Deliberative Process / Ex. 5

Deliberative Process / Ex. 5

---

**From:** Ells, Steve

**Sent:** Tuesday, March 08, 2016 8:44 AM

**To:** Legare, Amy <[Legare.Amy@epa.gov](mailto:Legare.Amy@epa.gov)>; Fonseca, Silvina <[Fonseca.Silvina@epa.gov](mailto:Fonseca.Silvina@epa.gov)>

**Subject:** RE: Draft Responses to NRRB recommendations

I would not have sent any comments without going thru you first.

---

**From:** Legare, Amy

**Sent:** Tuesday, March 08, 2016 8:42 AM

**To:** Ells, Steve <[Ells.Steve@epa.gov](mailto:Ells.Steve@epa.gov)>; Fonseca, Silvina <[Fonseca.Silvina@epa.gov](mailto:Fonseca.Silvina@epa.gov)>

**Subject:** RE: Draft Responses to NRRB recommendations

That's it. Thanks. I don't have a message from Annie on the responses. Steve, did you provide comments? Can't find that either. I do have Cami's Jan 15 email.

I didn't miss-file under Pearl or Passaic either. Gremlins!

---

**From:** Ells, Steve

**Sent:** Tuesday, March 08, 2016 8:23 AM

**To:** Legare, Amy <[Legare.Amy@epa.gov](mailto:Legare.Amy@epa.gov)>; Fonseca, Silvina <[Fonseca.Silvina@epa.gov](mailto:Fonseca.Silvina@epa.gov)>

**Subject:** FW: Draft Responses to NRRB recommendations

This it?

---

**From:** Grandinetti, Cami

**Sent:** Friday, January 15, 2016 4:30 PM

**To:** Christopher, Anne <[Christopher.Anne@epa.gov](mailto:Christopher.Anne@epa.gov)>; Fonseca, Silvina <[Fonseca.Silvina@epa.gov](mailto:Fonseca.Silvina@epa.gov)>; Zhen, Davis <[Zhen.Davis@epa.gov](mailto:Zhen.Davis@epa.gov)>; Koch, Kristine <[Koch.Kristine@epa.gov](mailto:Koch.Kristine@epa.gov)>; Allen, Elizabeth <[allen.elizabeth@epa.gov](mailto:allen.elizabeth@epa.gov)>; Sheldrake, Sean <[sheldrake.sean@epa.gov](mailto:sheldrake.sean@epa.gov)>; DeMaria, Eva <[DeMaria.Eva@epa.gov](mailto:DeMaria.Eva@epa.gov)>; Conley, Alanna <[conley.alanna@epa.gov](mailto:conley.alanna@epa.gov)>; Cora, Lori <[Cora.Lori@epa.gov](mailto:Cora.Lori@epa.gov)>; Ebright, Stephanie <[EBRIGHT.STEPHANIE@EPA.GOV](mailto:EBRIGHT.STEPHANIE@EPA.GOV)>; Legare, Amy <[Legare.Amy@epa.gov](mailto:Legare.Amy@epa.gov)>; Charters, David <[Charters.DavidW@epa.gov](mailto:Charters.DavidW@epa.gov)>; Robinson, Deborah <[Robinson.Deborah@epa.gov](mailto:Robinson.Deborah@epa.gov)>; MacIntyre, Mark <[Macintyre.Mark@epa.gov](mailto:Macintyre.Mark@epa.gov)>; Ammon, Doug <[Ammon.Doug@epa.gov](mailto:Ammon.Doug@epa.gov)>; Stalcup, Dana <[Stalcup.Dana@epa.gov](mailto:Stalcup.Dana@epa.gov)>

**Cc:** Ells, Steve <[Ells.Steve@epa.gov](mailto:Ells.Steve@epa.gov)>; Gustavson, Karl <[Gustavson.Karl@epa.gov](mailto:Gustavson.Karl@epa.gov)>

**Subject:** RE: Draft Responses to NRRB recommendations

I made a couple edits. Elizabeth filled me in on the ecological numbers so you don't have to answer that one for me. Thanks everyone for all your quick, hard work on these!

<< File: Portland Harbor NRRB Memo and Draft Responses 1-14-16 cg.docx >>

---

**Cami Grandinetti**  
**Program Manager, Remedial Cleanup Program**  
**USEPA**  
1200 6th Ave, Suite 900  
ECL-123  
Seattle, Wa. 98101  
206-553-8696 (desk)  
206-390-8890 (cell)  
206-553-0124 (fax)

---

**From:** Christopher, Anne  
**Sent:** Thursday, January 14, 2016 5:26 PM  
**To:** Fonseca, Silvina <[Fonseca.Silvina@epa.gov](mailto:Fonseca.Silvina@epa.gov)>; Grandinetti, Cami <[Grandinetti.Cami@epa.gov](mailto:Grandinetti.Cami@epa.gov)>; Zhen, Davis <[Zhen.Davis@epa.gov](mailto:Zhen.Davis@epa.gov)>; Koch, Kristine <[Koch.Kristine@epa.gov](mailto:Koch.Kristine@epa.gov)>; Allen, Elizabeth <[allen.elizabeth@epa.gov](mailto:allen.elizabeth@epa.gov)>; Sheldrake, Sean <[sheldrake.sean@epa.gov](mailto:sheldrake.sean@epa.gov)>; DeMaria, Eva <[DeMaria.Eva@epa.gov](mailto:DeMaria.Eva@epa.gov)>; Conley, Alanna <[conley.alanna@epa.gov](mailto:conley.alanna@epa.gov)>; Cora, Lori <[Cora.Lori@epa.gov](mailto:Cora.Lori@epa.gov)>; Ebright, Stephanie <[EBRIGHT.STEPHANIE@EPA.GOV](mailto:EBRIGHT.STEPHANIE@EPA.GOV)>; Legare, Amy <[Legare.Amy@epa.gov](mailto:Legare.Amy@epa.gov)>; Charters, David <[Charters.DavidW@epa.gov](mailto:Charters.DavidW@epa.gov)>; Robinson, Deborah <[Robinson.Deborah@epa.gov](mailto:Robinson.Deborah@epa.gov)>; MacIntyre, Mark <[Macintyre.Mark@epa.gov](mailto:Macintyre.Mark@epa.gov)>; Ammon, Doug <[Ammon.Doug@epa.gov](mailto:Ammon.Doug@epa.gov)>; Stalcup, Dana <[Stalcup.Dana@epa.gov](mailto:Stalcup.Dana@epa.gov)>  
**Cc:** Ells, Steve <[Ells.Steve@epa.gov](mailto:Ells.Steve@epa.gov)>; Gustavson, Karl <[Gustavson.Karl@epa.gov](mailto:Gustavson.Karl@epa.gov)>  
**Subject:** RE: Draft Responses to NRRB recommendations

<< File: Portland Harbor NRRB Memo and Draft Responses 1-14-16.docx >>

I have attached the latest draft of our responses. It is easiest to read in the "No Markup" mode, but if you want to track the edits, they are still in the document. There are a couple of comments in the track changes that we still need to address. I have highlighted them and will check in with Kristine, Elizabeth, Silvina, and Amy about them tomorrow.

Cami, please use this document to send me any edits or comments. Call me if you have any questions.

Once all comments/edits are complete, I will take out all the names from each response and will format it so it is ready to PDF and post next week.

Thanks for everyone's help to get this done!  
Annie

-----Original Appointment-----

**From:** Christopher, Anne

**Sent:** Monday, December 14, 2015 2:14 PM

**To:** Christopher, Anne; Fonseca, Silvina; Grandinetti, Cami; Zhen, Davis; Koch, Kristine; Allen, Elizabeth; Sheldrake, Sean; DeMaria, Eva; Conley, Alanna; Cora, Lori; Ebright, Stephanie; Legare, Amy; Charters, David; Robinson, Deborah; MacIntyre, Mark; Ammon, Doug; Stalcup, Dana

**Cc:** Ells, Steve; Gustavson, Karl

**Subject:** Draft Responses to NRRB recommendations

**When:** Thursday, January 14, 2016 10:00 AM-12:00 PM (UTC-08:00) Pacific Time (US & Canada).

**Where:** **Personal Privacy / Ex. 6**

Here is the latest draft that includes the edits we made during the Tuesday call and additional edits from Kristine, Elizabeth, Alanna, Eva, and Karl and comments from Stephanie. I kept all the track changes in the document so everyone can see the changes, but it is easier to read when you turn off the track changes.

<< File: kk & ea\_Portland Harbor NRRB Memo and Draft Responses 1-12-16.docx >>

We did not finish the last 3 responses (under Policy and Guidance) so we will finish those today.

Here is the link for the Adobe Connect for us to finish editing the draft responses:

**Personal Privacy / Ex. 6**

**To:** Charters, David[Charters.DavidW@epa.gov]  
**From:** Legare, Amy  
**Sent:** Thur 3/10/2016 8:31:22 PM  
**Subject:** RE: Draft Responses to NRRB recommendations on eco

Steve had me completely confused. We were talking past each other. It happens.

---

**From:** Charters, David  
**Sent:** Thursday, March 10, 2016 3:00 PM  
**To:** Greenberg, Marc <Greenberg.Marc@epa.gov>; Ells, Steve <Ells.Steve@epa.gov>; Sprenger, Mark <Sprenger.Mark@epa.gov>  
**Cc:** Lambert, Matthew <Lambert.Matthew@epa.gov>; Fonseca, Silvina <Fonseca.Silvina@epa.gov>; Gustavson, Karl <Gustavson.Karl@epa.gov>; Legare, Amy <Legare.Amy@epa.gov>  
**Subject:** RE: Draft Responses to NRRB recommendations on eco

**Deliberative Process / Ex. 5**

Deliberative Process / Ex. 5

**Deliberative Process / Ex. 5**

---

**From:** Greenberg, Marc  
**Sent:** Thursday, March 10, 2016 2:58 PM  
**To:** Ells, Steve <Ells.Steve@epa.gov>; Sprenger, Mark <Sprenger.Mark@epa.gov>  
**Cc:** Charters, David <Charters.DavidW@epa.gov>; Lambert, Matthew <Lambert.Matthew@epa.gov>; Fonseca, Silvina <Fonseca.Silvina@epa.gov>; Gustavson, Karl <Gustavson.Karl@epa.gov>; Legare, Amy <Legare.Amy@epa.gov>  
**Subject:** RE: Draft Responses to NRRB recommendations on eco

**Deliberative Process / Ex. 5**

If

**Deliberative Process / Ex. 5**

**Deliberative Process / Ex. 5**

This specific recommendation was written for RAO 5 only. I wrote it with concurrence from Mark S. and Charles.

**Deliberative Process / Ex. 5**

If

**Deliberative Process / Ex. 5**

-----  
Marc S. Greenberg, Ph.D.  
Deputy Branch Chief  
U.S. EPA - Environmental Response Team

OLEM/OSRTI/TIFSD/ERT

2890 Woodbridge Ave., Bldg. 205  
Edison, NJ 08837  
+1 (732) 452 6413 office  
+1 (609) 865-3924 mobile  
[greenberg.marc@epa.gov](mailto:greenberg.marc@epa.gov)

---

**From:** Ells, Steve

**Sent:** Thursday, March 10, 2016 2:48 PM

**To:** Sprenger, Mark <[Sprenger.Mark@epa.gov](mailto:Sprenger.Mark@epa.gov)>; Greenberg, Marc <[Greenberg.Marc@epa.gov](mailto:Greenberg.Marc@epa.gov)>

**Cc:** Charters, David <[Charters.DavidW@epa.gov](mailto:Charters.DavidW@epa.gov)>; Lambert, Matthew <[Lambert.Matthew@epa.gov](mailto:Lambert.Matthew@epa.gov)>;

Fonseca, Silvina <[Fonseca.Silvina@epa.gov](mailto:Fonseca.Silvina@epa.gov)>; Gustavson, Karl <[Gustavson.Karl@epa.gov](mailto:Gustavson.Karl@epa.gov)>; Legare, Amy <[Legare.Amy@epa.gov](mailto:Legare.Amy@epa.gov)>

**Subject:** FW: Draft Responses to NRRB recommendations on eco

Mark and Marc,

### Deliberative Process / Ex. 5

Deliberative Process / Ex. 5 does the Board need to re-look at what is being used? Did all your comments (see recommendation below) apply only to RAO 5 and the sediment numbers for benthos; i.e., were all the other PRGs for RAOs 6, 7, and 8 were OK with you guys?

Steve

---

**From:** Legare, Amy

**Sent:** Tuesday, March 08, 2016 4:55 PM

**To:** Ells, Steve <[Ells.Steve@epa.gov](mailto:Ells.Steve@epa.gov)>; Fonseca, Silvina <[Fonseca.Silvina@epa.gov](mailto:Fonseca.Silvina@epa.gov)>

**Subject:** RE: Draft Responses to NRRB recommendations

### Deliberative Process / Ex. 5

I'm confused.

# Deliberative Process / Ex. 5

# Deliberative Process / Ex. 5

---

**From:** Ells, Steve  
**Sent:** Tuesday, March 08, 2016 4:01 PM  
**To:** Legare, Amy <Legare.Amy@epa.gov>; Fonseca, Silvina <Fonseca.Silvina@epa.gov>  
**Subject:** RE: Draft Responses to NRRB recommendations

My comments is based on my review of the draft FS, not my review of the NRRB response. We are

## Deliberative Process / Ex. 5

---

**From:** Legare, Amy  
**Sent:** Tuesday, March 08, 2016 3:58 PM  
**To:** Ells, Steve <Ells.Steve@epa.gov>; Fonseca, Silvina <Fonseca.Silvina@epa.gov>  
**Subject:** RE: Draft Responses to NRRB recommendations

I thought

## Deliberative Process / Ex. 5

Deliberative Process / Ex. 5

---

**From:** Ells, Steve  
**Sent:** Tuesday, March 08, 2016 10:02 AM  
**To:** Legare, Amy <Legare.Amy@epa.gov>; Fonseca, Silvina <Fonseca.Silvina@epa.gov>  
**Subject:** RE: Draft Responses to NRRB recommendations

## Deliberative Process / Ex. 5

### Deliberative Process / Ex. 5

I think we just need to bring forward the key info in the BERA to the FS, e.g., in Appendix B.

---

**From:** Legare, Amy  
**Sent:** Tuesday, March 08, 2016 9:30 AM  
**To:** Ells, Steve <Ells.Steve@epa.gov>; Fonseca, Silvina <Fonseca.Silvina@epa.gov>  
**Subject:** RE: Draft Responses to NRRB recommendations

OK, what I'm looking for are prior comments on the derivation of the eco PRGs.

Deliberative Process / Ex. 5

### Deliberative Process / Ex. 5

## Deliberative Process / Ex. 5

I thought

## Deliberative Process / Ex. 5

## Deliberative Process / Ex. 5



---

**From:** Ells, Steve  
**Sent:** Tuesday, March 08, 2016 8:44 AM  
**To:** Legare, Amy <[Legare.Amy@epa.gov](mailto:Legare.Amy@epa.gov)>; Fonseca, Silvina <[Fonseca.Silvina@epa.gov](mailto:Fonseca.Silvina@epa.gov)>  
**Subject:** RE: Draft Responses to NRRB recommendations

I would not have sent any comments without going thru you first.

---

**From:** Legare, Amy  
**Sent:** Tuesday, March 08, 2016 8:42 AM  
**To:** Ells, Steve <[Ells.Steve@epa.gov](mailto:Ells.Steve@epa.gov)>; Fonseca, Silvina <[Fonseca.Silvina@epa.gov](mailto:Fonseca.Silvina@epa.gov)>  
**Subject:** RE: Draft Responses to NRRB recommendations

That's it. Thanks. I don't have a message from Annie on the responses. Steve, did you provide comments? Can't find that either. I do have Cami's Jan 15 email.

I didn't miss-file under Pearl or Passaic either. Gremlins!

---

**From:** Ells, Steve  
**Sent:** Tuesday, March 08, 2016 8:23 AM  
**To:** Legare, Amy <[Legare.Amy@epa.gov](mailto:Legare.Amy@epa.gov)>; Fonseca, Silvina <[Fonseca.Silvina@epa.gov](mailto:Fonseca.Silvina@epa.gov)>  
**Subject:** FW: Draft Responses to NRRB recommendations

This it?

---

**From:** Grandinetti, Cami  
**Sent:** Friday, January 15, 2016 4:30 PM  
**To:** Christopher, Anne <[Christopher.Anne@epa.gov](mailto:Christopher.Anne@epa.gov)>; Fonseca, Silvina <[Fonseca.Silvina@epa.gov](mailto:Fonseca.Silvina@epa.gov)>; Zhen, Davis <[Zhen.Davis@epa.gov](mailto:Zhen.Davis@epa.gov)>; Koch, Kristine <[Koch.Kristine@epa.gov](mailto:Koch.Kristine@epa.gov)>; Allen, Elizabeth <[allen.elizabeth@epa.gov](mailto:allen.elizabeth@epa.gov)>; Sheldrake, Sean <[sheldrake.sean@epa.gov](mailto:sheldrake.sean@epa.gov)>; DeMaria, Eva <[DeMaria.Eva@epa.gov](mailto:DeMaria.Eva@epa.gov)>; Conley, Alanna <[conley.alanna@epa.gov](mailto:conley.alanna@epa.gov)>; Cora, Lori <[Cora.Lori@epa.gov](mailto:Cora.Lori@epa.gov)>; Ebright, Stephanie <[EBRIGHT.STEPHANIE@EPA.GOV](mailto:EBRIGHT.STEPHANIE@EPA.GOV)>; Legare, Amy <[Legare.Amy@epa.gov](mailto:Legare.Amy@epa.gov)>; Charters, David <[Charters.DavidW@epa.gov](mailto:Charters.DavidW@epa.gov)>; Robinson, Deborah <[Robinson.Deborah@epa.gov](mailto:Robinson.Deborah@epa.gov)>; MacIntyre, Mark <[Macintyre.Mark@epa.gov](mailto:Macintyre.Mark@epa.gov)>; Ammon, Doug <[Ammon.Doug@epa.gov](mailto:Ammon.Doug@epa.gov)>; Stalcup, Dana <[Stalcup.Dana@epa.gov](mailto:Stalcup.Dana@epa.gov)>  
**Cc:** Ells, Steve <[Ells.Steve@epa.gov](mailto:Ells.Steve@epa.gov)>; Gustavson, Karl <[Gustavson.Karl@epa.gov](mailto:Gustavson.Karl@epa.gov)>  
**Subject:** RE: Draft Responses to NRRB recommendations

I made a couple edits. Elizabeth filled me in on the ecological numbers so you don't have to answer that one for me. Thanks everyone for all your quick, hard work on these!

<< File: Portland Harbor NRRB Memo and Draft Responses 1-14-16 cg.docx >>

---

**Cami Grandinetti**  
**Program Manager, Remedial Cleanup Program**  
**USEPA**  
1200 6th Ave, Suite 900  
ECL-123  
Seattle, Wa. 98101  
206-553-8696 (desk)  
206-390-8890 (cell)  
206-553-0124 (fax)

---

**From:** Christopher, Anne  
**Sent:** Thursday, January 14, 2016 5:26 PM  
**To:** Fonseca, Silvina <[Fonseca.Silvina@epa.gov](mailto:Fonseca.Silvina@epa.gov)>; Grandinetti, Cami <[Grandinetti.Cami@epa.gov](mailto:Grandinetti.Cami@epa.gov)>; Zhen, Davis <[Zhen.Davis@epa.gov](mailto:Zhen.Davis@epa.gov)>; Koch, Kristine <[Koch.Kristine@epa.gov](mailto:Koch.Kristine@epa.gov)>; Allen, Elizabeth <[allen.elizabeth@epa.gov](mailto:allen.elizabeth@epa.gov)>; Sheldrake, Sean <[sheldrake.sean@epa.gov](mailto:sheldrake.sean@epa.gov)>; DeMaria, Eva <[DeMaria.Eva@epa.gov](mailto:DeMaria.Eva@epa.gov)>; Conley, Alanna <[conley.alanna@epa.gov](mailto:conley.alanna@epa.gov)>; Cora, Lori <[Cora.Lori@epa.gov](mailto:Cora.Lori@epa.gov)>; Ebright, Stephanie <[EBRIGHT.STEPHANIE@EPA.GOV](mailto:EBRIGHT.STEPHANIE@EPA.GOV)>; Legare, Amy <[Legare.Amy@epa.gov](mailto:Legare.Amy@epa.gov)>; Charters, David <[Charters.DavidW@epa.gov](mailto:Charters.DavidW@epa.gov)>; Robinson, Deborah <[Robinson.Deborah@epa.gov](mailto:Robinson.Deborah@epa.gov)>; MacIntyre, Mark <[Macintyre.Mark@epa.gov](mailto:Macintyre.Mark@epa.gov)>; Ammon, Doug <[Ammon.Doug@epa.gov](mailto:Ammon.Doug@epa.gov)>; Stalcup, Dana <[Stalcup.Dana@epa.gov](mailto:Stalcup.Dana@epa.gov)>  
**Cc:** Ells, Steve <[Ells.Steve@epa.gov](mailto:Ells.Steve@epa.gov)>; Gustavson, Karl <[Gustavson.Karl@epa.gov](mailto:Gustavson.Karl@epa.gov)>  
**Subject:** RE: Draft Responses to NRRB recommendations

<< File: Portland Harbor NRRB Memo and Draft Responses 1-14-16.docx >>

I have attached the latest draft of our responses. It is easiest to read in the "No Markup" mode, but if you want to track the edits, they are still in the document. There are a couple of comments in the track changes that we still need to address. I have highlighted them and will check in with Kristine, Elizabeth, Silvina, and Amy about them tomorrow.

Cami, please use this document to send me any edits or comments. Call me if you have any questions.

Once all comments/edits are complete, I will take out all the names from each response and will format it so it is ready to PDF and post next week.

Thanks for everyone's help to get this done!  
Annie

-----Original Appointment-----

**From:** Christopher, Anne  
**Sent:** Monday, December 14, 2015 2:14 PM  
**To:** Christopher, Anne; Fonseca, Silvina; Grandinetti, Cami; Zhen, Davis; Koch, Kristine; Allen, Elizabeth; Sheldrake, Sean; DeMaria, Eva; Conley, Alanna; Cora, Lori; Ebright, Stephanie; Legare, Amy; Charters, David; Robinson, Deborah; MacIntyre, Mark; Ammon, Doug; Stalcup, Dana

**Cc:** Ells, Steve; Gustavson, Karl

**Subject:** Draft Responses to NRRB recommendations

**When:** Thursday, January 14, 2016 10:00 AM-12:00 PM (UTC-08:00) Pacific Time (US & Canada).

**Where:** **Personal Privacy / Ex. 6**

Here is the latest draft that includes the edits we made during the Tuesday call and additional edits from Kristine, Elizabeth, Alanna, Eva, and Karl and comments from Stephanie. I kept all the track changes in the document so everyone can see the changes, but it is easier to read when you turn off the track changes.

<< File: kk & ea\_Portland Harbor NRRB Memo and Draft Responses 1-12-16.docx >>

We did not finish the last 3 responses (under Policy and Guidance) so we will finish those today.

Here is the link for the Adobe Connect for us to finish editing the draft responses:

**Personal Privacy / Ex. 6**

**To:** Ells, Steve[Ells.Steve@epa.gov]; Greenberg, Marc[Greenberg.Marc@epa.gov]  
**Cc:** Charters, David[Charters.DavidW@epa.gov]; Lambert, Matthew[Lambert.Matthew@epa.gov]; Fonseca, Silvina[Fonseca.Silvina@epa.gov]; Gustavson, Karl[Gustavson.Karl@epa.gov]; Legare, Amy[Legare.Amy@epa.gov]  
**From:** Sprenger, Mark  
**Sent:** Thur 3/10/2016 7:59:13 PM  
**Subject:** RE: Draft Responses to NRRB recommendations on eco

Specific to the comment, I think

**Deliberative Process / Ex. 5**

## Deliberative Process / Ex. 5

---

**From:** Ells, Steve  
**Sent:** Thursday, March 10, 2016 2:48 PM  
**To:** Sprenger, Mark <Sprenger.Mark@epa.gov>; Greenberg, Marc <Greenberg.Marc@epa.gov>  
**Cc:** Charters, David <Charters.DavidW@epa.gov>; Lambert, Matthew <Lambert.Matthew@epa.gov>; Fonseca, Silvina <Fonseca.Silvina@epa.gov>; Gustavson, Karl <Gustavson.Karl@epa.gov>; Legare, Amy <Legare.Amy@epa.gov>  
**Subject:** FW: Draft Responses to NRRB recommendations on eco

Mark and Marc,

**Deliberative Process / Ex. 5**

**Deliberative Process / Ex. 5** does the Board need to re-look at what is being used? Did all your comments (see recommendation below) apply only to RAO 5 and the sediment numbers for benthos; i.e., were all the other PRGs for RAOs 6, 7, and 8 were OK with you guys?

Steve

---

**From:** Legare, Amy  
**Sent:** Tuesday, March 08, 2016 4:55 PM  
**To:** Ells, Steve <Ells.Steve@epa.gov>; Fonseca, Silvina <Fonseca.Silvina@epa.gov>  
**Subject:** RE: Draft Responses to NRRB recommendations

**Deliberative Process / Ex. 5**

I'm confused.

## Deliberative Process / Ex. 5

# Deliberative Process / Ex. 5

# Deliberative Process / Ex. 5

---

**From:** Ells, Steve

**Sent:** Tuesday, March 08, 2016 4:01 PM

**To:** Legare, Amy <[Legare.Amy@epa.gov](mailto:Legare.Amy@epa.gov)>; Fonseca, Silvina <[Fonseca.Silvina@epa.gov](mailto:Fonseca.Silvina@epa.gov)>

**Subject:** RE: Draft Responses to NRRB recommendations

My comments is based on my review of the draft FS, not my review of the NRRB response. We are no

## Deliberative Process / Ex. 5

---

**From:** Legare, Amy

**Sent:** Tuesday, March 08, 2016 3:58 PM

**To:** Ells, Steve <[Ells.Steve@epa.gov](mailto:Ells.Steve@epa.gov)>; Fonseca, Silvina <[Fonseca.Silvina@epa.gov](mailto:Fonseca.Silvina@epa.gov)>

**Subject:** RE: Draft Responses to NRRB recommendations

I thought

## Deliberative Process / Ex. 5

Deliberative Process / Ex. 5

---

**From:** Ells, Steve

**Sent:** Tuesday, March 08, 2016 10:02 AM

**To:** Legare, Amy <[Legare.Amy@epa.gov](mailto:Legare.Amy@epa.gov)>; Fonseca, Silvina <[Fonseca.Silvina@epa.gov](mailto:Fonseca.Silvina@epa.gov)>

**Subject:** RE: Draft Responses to NRRB recommendations

## Deliberative Process / Ex. 5

## Deliberative Process / Ex. 5

I think we just need to bring forward the key info in the BERA to the FS, e.g., in Appendix B.

---

**From:** Legare, Amy

**Sent:** Tuesday, March 08, 2016 9:30 AM

**To:** Ells, Steve <[Ells.Steve@epa.gov](mailto:Ells.Steve@epa.gov)>; Fonseca, Silvina <[Fonseca.Silvina@epa.gov](mailto:Fonseca.Silvina@epa.gov)>

**Subject:** RE: Draft Responses to NRRB recommendations

OK, what I'm looking for are prior comments on the derivation of the eco PRGs.

Deliberative Process / Ex. 5

# Deliberative Process / Ex. 5

---

**From:** Ells, Steve

**Sent:** Tuesday, March 08, 2016 8:44 AM

**To:** Legare, Amy <[Legare.Amy@epa.gov](mailto:Legare.Amy@epa.gov)>; Fonseca, Silvina <[Fonseca.Silvina@epa.gov](mailto:Fonseca.Silvina@epa.gov)>

**Subject:** RE: Draft Responses to NRRB recommendations

I would not have sent any comments without going thru you first.

---

**From:** Legare, Amy

**Sent:** Tuesday, March 08, 2016 8:42 AM

**To:** Ells, Steve <[Ells.Steve@epa.gov](mailto:Ells.Steve@epa.gov)>; Fonseca, Silvina <[Fonseca.Silvina@epa.gov](mailto:Fonseca.Silvina@epa.gov)>

**Subject:** RE: Draft Responses to NRRB recommendations

That's it. Thanks. I don't have a message from Annie on the responses. Steve, did you provide comments? Can't find that either. I do have Cami's Jan 15 email.

I didn't miss-file under Pearl or Passaic either. Gremlins!

---

**From:** Ells, Steve

**Sent:** Tuesday, March 08, 2016 8:23 AM

**To:** Legare, Amy <[Legare.Amy@epa.gov](mailto:Legare.Amy@epa.gov)>; Fonseca, Silvina <[Fonseca.Silvina@epa.gov](mailto:Fonseca.Silvina@epa.gov)>

**Subject:** FW: Draft Responses to NRRB recommendations

This it?

---

**From:** Grandinetti, Cami

**Sent:** Friday, January 15, 2016 4:30 PM

**To:** Christopher, Anne <[Christopher.Anne@epa.gov](mailto:Christopher.Anne@epa.gov)>; Fonseca, Silvina <[Fonseca.Silvina@epa.gov](mailto:Fonseca.Silvina@epa.gov)>; Zhen, Davis <[Zhen.Davis@epa.gov](mailto:Zhen.Davis@epa.gov)>; Koch, Kristine <[Koch.Kristine@epa.gov](mailto:Koch.Kristine@epa.gov)>; Allen, Elizabeth <[allen.elizabeth@epa.gov](mailto:allen.elizabeth@epa.gov)>; Sheldrake, Sean <[sheldrake.sean@epa.gov](mailto:sheldrake.sean@epa.gov)>; DeMaria, Eva <[DeMaria.Eva@epa.gov](mailto:DeMaria.Eva@epa.gov)>; Conley, Alanna <[conley.alanna@epa.gov](mailto:conley.alanna@epa.gov)>; Cora, Lori <[Cora.Lori@epa.gov](mailto:Cora.Lori@epa.gov)>; Ebright, Stephanie <[EBRIGHT.STEPHANIE@EPA.GOV](mailto:EBRIGHT.STEPHANIE@EPA.GOV)>; Legare, Amy <[Legare.Amy@epa.gov](mailto:Legare.Amy@epa.gov)>; Charters, David <[Charters.DavidW@epa.gov](mailto:Charters.DavidW@epa.gov)>; Robinson, Deborah <[Robinson.Deborah@epa.gov](mailto:Robinson.Deborah@epa.gov)>; MacIntyre, Mark <[Macintyre.Mark@epa.gov](mailto:Macintyre.Mark@epa.gov)>; Ammon, Doug <[Ammon.Doug@epa.gov](mailto:Ammon.Doug@epa.gov)>; Stalcup, Dana <[Stalcup.Dana@epa.gov](mailto:Stalcup.Dana@epa.gov)>

**Cc:** Ells, Steve <Ells.Steve@epa.gov>; Gustavson, Karl <Gustavson.Karl@epa.gov>

**Subject:** RE: Draft Responses to NRRB recommendations

I made a couple edits. Elizabeth filled me in on the ecological numbers so you don't have to answer that one for me. Thanks everyone for all your quick, hard work on these!

<< File: Portland Harbor NRRB Memo and Draft Responses 1-14-16 cg.docx >>

---

**Cami Grandinetti**

**Program Manager, Remedial Cleanup Program**

**USEPA**

1200 6th Ave, Suite 900

ECL-123

Seattle, Wa. 98101

206-553-8696 (desk)

206-390-8890 (cell)

206-553-0124 (fax)

---

**From:** Christopher, Anne

**Sent:** Thursday, January 14, 2016 5:26 PM

**To:** Fonseca, Silvina <Fonseca.Silvina@epa.gov>; Grandinetti, Cami <Grandinetti.Cami@epa.gov>; Zhen, Davis <Zhen.Davis@epa.gov>; Koch, Kristine <Koch.Kristine@epa.gov>; Allen, Elizabeth <allen.elizabeth@epa.gov>; Sheldrake, Sean <sheldrake.sean@epa.gov>; DeMaria, Eva <DeMaria.Eva@epa.gov>; Conley, Alanna <conley.alanna@epa.gov>; Cora, Lori <Cora.Lori@epa.gov>; Ebright, Stephanie <EBRIGHT.STEPHANIE@EPA.GOV>; Legare, Amy <Legare.Amy@epa.gov>; Charters, David <Charters.DavidW@epa.gov>; Robinson, Deborah <Robinson.Deborah@epa.gov>; MacIntyre, Mark <Macintyre.Mark@epa.gov>; Ammon, Doug <Ammon.Doug@epa.gov>; Stalcup, Dana <Stalcup.Dana@epa.gov>

**Cc:** Ells, Steve <Ells.Steve@epa.gov>; Gustavson, Karl <Gustavson.Karl@epa.gov>

**Subject:** RE: Draft Responses to NRRB recommendations

<< File: Portland Harbor NRRB Memo and Draft Responses 1-14-16.docx >>

I have attached the latest draft of our responses. It is easiest to read in the "No Markup" mode, but if you want to track the edits, they are still in the document. There are a couple of comments in the track changes that we still need to address. I have highlighted them and will check in with Kristine, Elizabeth, Silvina, and Amy about them tomorrow.

Cami, please use this document to send me any edits or comments. Call me if you have any questions.

Once all comments/edits are complete, I will take out all the names from each response and will format it so it is ready to PDF and post next week.

Thanks for everyone's help to get this done!

Annie

-----Original Appointment-----

**From:** Christopher, Anne

**Sent:** Monday, December 14, 2015 2:14 PM

**To:** Christopher, Anne; Fonseca, Silvina; Grandinetti, Cami; Zhen, Davis; Koch, Kristine; Allen, Elizabeth; Sheldrake, Sean; DeMaria, Eva; Conley, Alanna; Cora, Lori; Ebright, Stephanie; Legare, Amy; Charters, David; Robinson, Deborah; MacIntyre, Mark; Ammon, Doug; Stalcup, Dana

**Cc:** Ells, Steve; Gustavson, Karl

**Subject:** Draft Responses to NRRB recommendations

**When:** Thursday, January 14, 2016 10:00 AM-12:00 PM (UTC-08:00) Pacific Time (US & Canada).

**Where:** **Personal Privacy / Ex. 6**

Here is the latest draft that includes the edits we made during the Tuesday call and additional edits from Kristine, Elizabeth, Alanna, Eva, and Karl and comments from Stephanie. I kept all the track changes in the document so everyone can see the changes, but it is easier to read when you turn off the track changes.

<< File: kk & ea\_Portland Harbor NRRB Memo and Draft Responses 1-12-16.docx >>

We did not finish the last 3 responses (under Policy and Guidance) so we will finish those today.

Here is the link for the Adobe Connect for us to finish editing the draft responses:

**Personal Privacy / Ex. 6**



**To:** Ells, Steve[Ells.Steve@epa.gov]; Legare, Amy[Legare.Amy@epa.gov]; Fonseca, Silvina[Fonseca.Silvina@epa.gov]; Charters, David[Charters.DavidW@epa.gov]; Gustavson, Karl[Gustavson.Karl@epa.gov]  
**From:** Greenberg, Marc  
**Sent:** Sun 3/6/2016 8:14:50 PM  
**Subject:** RE: One of the PH recommendations - need clarification  
Discussion Portland SWAC RAL.pptx

**Deliberative Process / Ex. 5**

**Deliberative Process / Ex. 5**

**Deliberative Process / Ex. 5**

**Deliberative Process / Ex. 5**

**Deliberative Process / Ex. 5**

# Deliberative Process / Ex. 5

# Deliberative Process / Ex. 5

# Deliberative Process / Ex. 5

Does this help, Steve?

Marc

-----

Marc S. Greenberg, Ph.D.

Deputy Branch Chief  
U.S. EPA - Environmental Response Team

OLEM/OSRTI/TIFSD/ERT

2890 Woodbridge Ave., Bldg. 205  
Edison, NJ 08837  
+1 (732) 452 6413 office

+1 (609) 865-3924 mobile

[greenberg.marc@epa.gov](mailto:greenberg.marc@epa.gov)

**From:** Ells, Steve

**Sent:** Wednesday, March 02, 2016 8:39 AM

**To:** Legare, Amy <Legare.Amy@epa.gov>; Fonseca, Silvina <Fonseca.Silvina@epa.gov>;  
Charters, David <Charters.DavidW@epa.gov>; Gustavson, Karl <Gustavson.Karl@epa.gov>;  
Greenberg, Marc <Greenberg.Marc@epa.gov>

**Subject:** One of the PH recommendations - need clarification

**Deliberative Process / Ex. 5**

**Deliberative Process / Ex. 5**

Stephen J. Ells

703 603-8822

Science Policy Branch

Office of Superfund Remediation and

Technology Innovation

US EPA 5204P

1200 Pennsylvania Ave. N. W.

Washington DC 20460

*You have brains in your head. You have feet in your shoes. You can steer yourself any direction you choose. Dr. Seuss*

**To:** Ells, Steve[Ells.Steve@epa.gov]; Legare, Amy[Legare.Amy@epa.gov]; Fonseca, Silvina[Fonseca.Silvina@epa.gov]; Charters, David[Charters.DavidW@epa.gov]; Gustavson, Karl[Gustavson.Karl@epa.gov]  
**From:** Greenberg, Marc  
**Sent:** Sun 3/6/2016 7:13:17 PM  
**Subject:** RE: One of the PH recommendations - need clarification

I've got a graph that will clarify this for you. However, I won't have access to the file until I return to NJ on Monday night. This could wait until then, correct?

-----

Marc S. Greenberg, Ph.D.  
Deputy Branch Chief  
U.S. EPA - Environmental Response Team

OLEM/OSRTI/TIFSD/ERT

2890 Woodbridge Ave., Bldg. 205  
Edison, NJ 08837  
+1 (732) 452 6413 office

+1 (609) 865-3924 mobile

[greenberg.marc@epa.gov](mailto:greenberg.marc@epa.gov)

**From:** Ells, Steve  
**Sent:** Wednesday, March 02, 2016 8:39 AM  
**To:** Legare, Amy <Legare.Amy@epa.gov>; Fonseca, Silvina <Fonseca.Silvina@epa.gov>; Charters, David <Charters.DavidW@epa.gov>; Gustavson, Karl <Gustavson.Karl@epa.gov>; Greenberg, Marc <Greenberg.Marc@epa.gov>  
**Subject:** One of the PH recommendations - need clarification

**Deliberative Process / Ex. 5**

# Deliberative Process / Ex. 5

Stephen J. Ells

703 603-8822

Science Policy Branch

Office of Superfund Remediation and

Technology Innovation

US EPA 5204P

1200 Pennsylvania Ave. N. W.

Washington DC 20460

*You have brains in your head. You have feet in your shoes. You can steer yourself any direction you choose. Dr. Seuss*

**To:** Fonseca, Silvina[Fonseca.Silvina@epa.gov]; Robinson, Deborah[Robinson.Deborah@epa.gov]; Koch, Kristine[Koch.Kristine@epa.gov]  
**Cc:** Charters, David[Charters.DavidW@epa.gov]; Legare, Amy[Legare.Amy@epa.gov]  
**From:** Ells, Steve  
**Sent:** Tue 3/1/2016 6:31:18 PM  
**Subject:** RE: 2015 3-10 Administrator Briefing Memo - Portland Harbor DRAFT as of 2-29-16 sje\_SF comments 3-1.docx

We may have a terminology issue here. We can take credit for adding GAC as treatment of PTW, but we don't normally consider an amended cap as "treatment", we still classify it as a type of cap.

## Deliberative Process / Ex. 5

**From:** Fonseca, Silvina  
**Sent:** Tuesday, March 01, 2016 1:15 PM  
**To:** Ells, Steve <Ells.Steve@epa.gov>; Robinson, Deborah <Robinson.Deborah@epa.gov>; Koch, Kristine <Koch.Kristine@epa.gov>  
**Cc:** Charters, David <Charters.DavidW@epa.gov>; Legare, Amy <Legare.Amy@epa.gov>  
**Subject:** RE: 2015 3-10 Administrator Briefing Memo - Portland Harbor DRAFT as of 2-29-16 sje\_SF comments 3-1.docx

The PTW info is too in the details.

### Deliberative Process / Ex. 5

Silvina Fonseca, Environmental Engineer  
Office of Superfund Remediation and Technology Innovation

Phone #: 703-603-8799  
Fax #: 703-603-9104

**From:** Ells, Steve  
**Sent:** Tuesday, March 01, 2016 1:10 PM  
**To:** Fonseca, Silvina <[Fonseca.Silvina@epa.gov](mailto:Fonseca.Silvina@epa.gov)>; Robinson, Deborah <[Robinson.Deborah@epa.gov](mailto:Robinson.Deborah@epa.gov)>; Koch, Kristine <[Koch.Kristine@epa.gov](mailto:Koch.Kristine@epa.gov)>  
**Cc:** Charters, David <[Charters.DavidW@epa.gov](mailto:Charters.DavidW@epa.gov)>; Legare, Amy <[Legare.Amy@epa.gov](mailto:Legare.Amy@epa.gov)>  
**Subject:** RE: 2015 3-10 Administrator Briefing Memo - Portland Harbor DRAFT as of 2-29-16  
sje\_SF comments 3-1.docx

Silvina, concerning your edits to my comments. I think it is important to provide more info on PTW for the Administrator. I doubt she understands what it is and why it is a big issue with the PRPs. I also think the remedy for the SMAs is dredging or capping, it does not include “treatment” as an alternative nor thin layer capping; i.e. ENR.

**Deliberative Process / Ex. 5**

## Deliberative Process / Ex. 5

**From:** Fonseca, Silvina  
**Sent:** Tuesday, March 01, 2016 12:13 PM  
**To:** Robinson, Deborah <[Robinson.Deborah@epa.gov](mailto:Robinson.Deborah@epa.gov)>; Koch, Kristine <[Koch.Kristine@epa.gov](mailto:Koch.Kristine@epa.gov)>  
**Cc:** Ells, Steve <[Ells.Steve@epa.gov](mailto:Ells.Steve@epa.gov)>; Charters, David <[Charters.DavidW@epa.gov](mailto:Charters.DavidW@epa.gov)>; Legare, Amy <[Legare.Amy@epa.gov](mailto:Legare.Amy@epa.gov)>  
**Subject:** 2015 3-10 Administrator Briefing Memo - Portland Harbor DRAFT as of 2-29-16  
sje\_SF comments 3-1.docx

Further edits with KK.



**To:** Charters, David[Charters.DavidW@epa.gov]  
**Cc:** Hohreiter, David[dhohreiter@srcinc.com]  
**From:** Kracko, Karen  
**Sent:** Mon 2/22/2016 7:55:59 PM  
**Subject:** project status update, week of February 22, 2016

Hi David – For discussion tomorrow, here is a summary of the current status of all active projects:

- Black River HHRA: We received comments from Marian Olsen on RAGS Tables 1-6 on

# Nonresponsive

- Portland Harbor: SRC is not doing any additional work on the BERA or HHRA review until we receive further direction. To continue the HHRA review, we need to receive the RAGS Tables for the Portland Harbor HHRA.

Upper Columbia River:

# Nonresponsive

Karen

**To:** Fonseca, Silvina[Fonseca.Silvina@epa.gov]; Charters, David[Charters.DavidW@epa.gov]; Ammon, Doug[Ammon.Doug@epa.gov]  
**Cc:** Scozzafava, MichaelE[Scozzafava.MichaelE@epa.gov]  
**From:** Ells, Steve  
**Sent:** Fri 2/12/2016 4:07:59 PM  
**Subject:** RE: Defining "recontamination" and "points of compliance" at Portland Harbor  
DRAFT Source Control Compliance strategy to EPA Rev 1a sje.docx

Here are my comments. Note that I have not shared them with the Region, but you may. I will be out of the office next week **Personal Privacy / Ex. 6** but I will have my work PC with me.

**From:** Fonseca, Silvina  
**Sent:** Thursday, February 11, 2016 5:50 PM  
**To:** Charters, David <Charters.DavidW@epa.gov>; Ells, Steve <Ells.Steve@epa.gov>; Ammon, Doug <Ammon.Doug@epa.gov>  
**Subject:** FW: Defining "recontamination" and "points of compliance" at Portland Harbor

Silvina Fonseca, Environmental Engineer  
Office of Superfund Remediation and Technology Innovation

Phone #: 703-603-8799  
Fax #: 703-603-9104

**From:** DeMaria, Eva  
**Sent:** Wednesday, February 10, 2016 12:46 PM  
**To:** Koch, Kristine <Koch.Kristine@epa.gov>; Allen, Elizabeth <allen.elizabeth@epa.gov>; Fonseca, Silvina <Fonseca.Silvina@epa.gov>; Christopher, Anne <Christopher.Anne@epa.gov>; Sheldrake, Sean <sheldrake.sean@epa.gov>; Robinson, Deborah <Robinson.Deborah@epa.gov>; Conley, Alanna <conley.alanna@epa.gov>; Cora, Lori <Cora.Lori@epa.gov>; Ebright, Stephanie <EBRIGHT.STEPHANIE@EPA.GOV>; Knudsen, Laura <Knudsen.Laura@epa.gov>  
**Cc:** Zhen, Davis <Zhen.Davis@epa.gov>; Grandinetti, Cami <Grandinetti.Cami@epa.gov>  
**Subject:** Defining "recontamination" and "points of compliance" at Portland Harbor

All-

Please find attached the first cut at defining “recontamination” and “points of compliance.” I talked to various RPMs here and forwarded what I got to CDM who developed the first draft and incorporated Sean and my comments. Would appreciate any comments/edits/concerns. After I receive your input, we will revise and then send to DEQ. We can talk further (another meeting?) if you believe more discussions/revisions are needed before it’s sent external/DEQ. Thanks.

Eva

**From:** Allen, Michael [<mailto:AllenMC@cdmsmith.com>]  
**Sent:** Tuesday, February 09, 2016 5:19 PM  
**To:** Sheldrake, Sean <[sheldrake.sean@epa.gov](mailto:sheldrake.sean@epa.gov)>; DeMaria, Eva <[DeMaria.Eva@epa.gov](mailto:DeMaria.Eva@epa.gov)>  
**Subject:** Uplands compliance strategy rev 01

Sean & Eva:

Attached is a revision, yellow highlights are portions added/changed. Also attached is a response to comments document for reference.

We should have further discussion

**Deliberative Process / Ex. 5**

**Deliberative Process / Ex. 5**

Michael C. Allen P.E.

Sr. Proj. Manager/Principal

14432 SE Eastgate Way, Suite 100 | Bellevue, WA 98007

T: 425.519.8311 |Cell: 206.790.9220

[allenmc@cdmsmith.com](mailto:allenmc@cdmsmith.com)

[www.cdmsmith.com](http://www.cdmsmith.com)



**To:** Charters, David[Charters.DavidW@epa.gov]; Ells, Steve[Ells.Steve@epa.gov]; Ammon, Doug[Ammon.Doug@epa.gov]  
**From:** Fonseca, Silvina  
**Sent:** Thur 2/11/2016 10:49:35 PM  
**Subject:** FW: Defining "recontamination" and "points of compliance" at Portland Harbor  
DRAFT Source Control Compliance strategy to EPA Rev 1a.docx  
Response EPA review cmnts 5 Feb'16.docx

Silvina Fonseca, Environmental Engineer  
Office of Superfund Remediation and Technology Innovation

Phone #: 703-603-8799  
Fax #: 703-603-9104

**From:** DeMaria, Eva  
**Sent:** Wednesday, February 10, 2016 12:46 PM  
**To:** Koch, Kristine <Koch.Kristine@epa.gov>; Allen, Elizabeth <allen.elizabeth@epa.gov>; Fonseca, Silvina <Fonseca.Silvina@epa.gov>; Christopher, Anne <Christopher.Anne@epa.gov>; Sheldrake, Sean <sheldrake.sean@epa.gov>; Robinson, Deborah <Robinson.Deborah@epa.gov>; Conley, Alanna <conley.alanna@epa.gov>; Cora, Lori <Cora.Lori@epa.gov>; Ebright, Stephanie <EBRIGHT.STEPHANIE@EPA.GOV>; Knudsen, Laura <Knudsen.Laura@epa.gov>  
**Cc:** Zhen, Davis <Zhen.Davis@epa.gov>; Grandinetti, Cami <Grandinetti.Cami@epa.gov>  
**Subject:** Defining "recontamination" and "points of compliance" at Portland Harbor

All-

Please find attached the first cut at defining "recontamination" and "points of compliance." I talked to various RPMs here and forwarded what I got to CDM who developed the first draft and incorporated Sean and my comments. Would appreciate any comments/edits/concerns. After I receive your input, we will revise and then send to DEQ. We can talk further (another meeting?) if you believe more discussions/revisions are needed before it's sent external/DEQ. Thanks.

Eva

**From:** Allen, Michael [<mailto:AllenMC@cdmsmith.com>]  
**Sent:** Tuesday, February 09, 2016 5:19 PM  
**To:** Sheldrake, Sean <[sheldrake.sean@epa.gov](mailto:sheldrake.sean@epa.gov)>; DeMaria, Eva <[DeMaria.Eva@epa.gov](mailto:DeMaria.Eva@epa.gov)>  
**Subject:** Uplands compliance strategy rev 01

Sean & Eva:

Attached is a revision, yellow highlights are portions added/changed. Also attached is a response to comments document for reference.

# Deliberative Process / Ex. 5

Michael C. Allen P.E.

Sr. Proj. Manager/Principal

14432 SE Eastgate Way, Suite 100 | Bellevue, WA 98007

T: 425.519.8311 | Cell: 206.790.9220

[allenmc@cdmsmith.com](mailto:allenmc@cdmsmith.com)

[www.cdmsmith.com](http://www.cdmsmith.com)

**To:** Charters, David[Charters.DavidW@epa.gov]; Ells, Steve[Ells.Steve@epa.gov]  
**From:** Fonseca, Silvina  
**Sent:** Wed 1/27/2016 8:23:07 PM  
**Subject:** FW: Updated Tech Assignment Flow Charts  
[Fig3-06-01c Intermediate-Tech-Assignment-Flow-Chart 20160115.pdf](#)  
[Fig3-06-01a Nav-FMD-Tech-Assignment-Flow-Chart 20160115.pdf](#)  
[Fig3-06-01b Shallow-Tech-Assignment-Flow-Chart 20160115.pdf](#)  
[Technology Assignments for R Code 20160106 Approved 1-13-16.docx](#)

I gave her some comments already, so if you have any please get them to Kristine as soon as possible.

Silvina Fonseca, Environmental Engineer  
Office of Superfund Remediation and Technology Innovation

Phone #: 703-603-8799  
Fax #: 703-603-9104

**From:** Koch, Kristine  
**Sent:** Monday, January 25, 2016 3:56 PM  
**To:** Fonseca, Silvina <Fonseca.Silvina@epa.gov>  
**Subject:** FW: Updated Tech Assignment Flow Charts

Kristine Koch  
Remedial Project Manager  
USEPA, Office of Environmental Cleanup

U. S. Environmental Protection Agency  
Region 10  
1200 Sixth Avenue, Suite 900, M/S ECL-122  
Seattle, Washington 98101-3140

(206)553-6705  
(206)553-8581 (fax)  
1-800-424-4372 extension 6705 (M-F, 8-4 Pacific Time, only)

**From:** Coffey, Scott [<mailto:CoffeySE@cdmsmith.com>]



**Sent:** Friday, January 22, 2016 1:44 PM

**To:** Koch, Kristine <[Koch.Kristine@epa.gov](mailto:Koch.Kristine@epa.gov)>; Allen, Elizabeth <[allen.elizabeth@epa.gov](mailto:allen.elizabeth@epa.gov)>;  
Sheldrake, Sean <[sheldrake.sean@epa.gov](mailto:sheldrake.sean@epa.gov)>

**Cc:** Foster, Malena L. <[fosterm1@cdmsmith.com](mailto:fosterm1@cdmsmith.com)>; Blischke, Eric <[blischkee@cdmsmith.com](mailto:blischkee@cdmsmith.com)>;  
Chan, Arthur <[ChanWC@cdmsmith.com](mailto:ChanWC@cdmsmith.com)>

**Subject:** Updated Tech Assignment Flow Charts

Hi Kristine

Attached are the latest versions of the Tech Assignment Flow Charts. These have been updated to reflect the updated Tech Assignment Rules approved last week on 1/13/16 (also attached for reference).

**An item of note for your review:**

## Deliberative Process / Ex. 5

Let us know what you think.

Scott

*Scott Coffey, L.Hg.  
Hydrogeologist*

**CDM Smith | consulting engineering construction operations**  
14432 SE Eastgate Way, Suite 100 | Bellevue, WA 98007

phone: (425) 519-8320 | mobile (206) 457-9270  
email: [coffeyse@cdmsmith.com](mailto:coffeyse@cdmsmith.com) | [www.cdmsmith.com](http://www.cdmsmith.com)

**To:** Woolford, James[Woolford.James@epa.gov]; Charters, David[Charters.DavidW@epa.gov]; Ells, Steve[Ells.Steve@epa.gov]; Legare, Amy[Legare.Amy@epa.gov]; Fonseca, Silvina[Fonseca.Silvina@epa.gov]  
**Cc:** Conley, Alanna[conley.alanna@epa.gov]  
**From:** Knudsen, Laura  
**Sent:** Mon 1/4/2016 8:59:18 PM  
**Subject:** PH Communication Plan - Action items  
Communication Roll Out PP 12 29 15.docx

Good afternoon Jim, Dave, Steve, Amy & Silvina!

Attached is the updated communication plan (still draft) for Portland Harbor that Alanna Conley sent on 12/29/2015.

Thank you all very much,

---

## Laura Knudsen

U.S. Environmental Protection Agency | Superfund | Environmental Protection Specialist

Tel 703 603 8861 | Fax 703 603 9102 | [knudsen.laura@epa.gov](mailto:knudsen.laura@epa.gov)

Laura's Adobe Connect Room

**Personal Privacy / Ex. 6**

"Nothing great was ever achieved without enthusiasm" (Ralph Waldo Emerson)

**Please Note:** I cannot receive file messages larger than 25MB. If you need to send me a file larger than 25MB please e-mail me to determine a solution. Thank you!

**From:** Conley, Alanna

**Sent:** Tuesday, December 29, 2015 6:07 PM

**To:** Holsman, Marianne <Holsman.Marianne@epa.gov>; MacIntyre, Mark <Macintyre.Mark@epa.gov>; Zhen, Davis <Zhen.Davis@epa.gov>

**Cc:** Robinson, Deborah <Robinson.Deborah@epa.gov>; Dunbar, Bill <dunbar.bill@epa.gov>; Morrison, Kay <morrison.kay@epa.gov>; Knudsen, Laura <Knudsen.Laura@epa.gov>

**Subject:** PH Communication Plan - Action items

Hello all,

Updated communication plan attached which includes City of PDX/ODEQ action items from yesterday's meeting.

3 additional meetings with the targeted Neighborhood groups and Portland Community College have been added in January.

I'm finalizing several additional Neighborhood meetings in January as planned.

Priority Action items by Jan 4<sup>th</sup>:

- [ ] 9:30am Communication team speed upDate
- [ ] Speaking points for Annie, Jan 4<sup>th</sup> presentation at 6:30pm (Mark/Bill D.)
- [ ] Revised power point presentation (Marianne/Davis)
- [ ] City of PDX to complete room scheduling for Information Sessions (Alanna to confirm on Jan 7<sup>th</sup>)

I will be out 12/31 and return 1/7. So Marianne, please commandeer the Jan 4<sup>th</sup> Communication Team upDate @ 9:30am.

Happy New 2016!

**To:** Stalcup, Dana[Stalcup.Dana@epa.gov]; Ammon, Doug[Ammon.Doug@epa.gov]; Fonseca, Silvina[Fonseca.Silvina@epa.gov]; Legare, Amy[Legare.Amy@epa.gov]; Ells, Steve[Ells.Steve@epa.gov]; Charters, David[Charters.DavidW@epa.gov]  
**From:** Woolford, James  
**Sent:** Mon 12/14/2015 7:34:40 PM  
**Subject:** FW: RA Briefing on PH FS Completion, #2  
Options 3 and 4 fleshed out with Option 5 added-12-14-15.docx

Jim Woolford, Director  
Office of Superfund Remediation & Technology Innovation  
US EPA

Sent from my Windows Phone  
Please excuse typos

---

**From:** Cora, Lori  
**Sent:** 12/14/2015 1:09 PM  
**To:** McLerran, Dennis; Woolford, James; Mackey, Cyndy; Robinson, Deborah; Grandinetti, Cami  
**Cc:** Stern, Allyn; Ingemansen, Dean; Northridge, Michael; Pirzadeh, Michelle; Fonseca, Silvina; Allen, Elizabeth; Koch, Kristine; Ebright, Stephanie; Zhen, Davis; Sheldrake, Sean; Christopher, Anne; DeMaria, Eva; Conley, Alanna; MacIntyre, Mark; Dunbar, Bill; Holsman, Marianne; Fleming, Sheila; Stalcup, Dana; Ammon, Doug; Legare, Amy; Ells, Steve; Charters, David; Patterson, Kenneth; Lammie, Benjamin; Mott, Patricia  
**Subject:** RE: RA Briefing on PH FS Completion, #2

Attached is a supplemental analysis of Options 3 ad 4 (from December 7, 2015 Memorandum) that Dennis and Jim requested. This option also has an Option 5 to discuss as well.

---

Lori Houck Cora | Assistant Regional Counsel  
U.S. Environmental Protection Agency | Region 10  
P: (206) 553.1115 | F: (206) 553.1762 | [cora.lori@epa.gov](mailto:cora.lori@epa.gov)  
Follow @EPAnorthwest on Twitter! <https://twitter.com/EPAnorthwest>

-----Original Appointment-----

**From:** McLerran, Dennis  
**Sent:** Thursday, December 10, 2015 4:47 PM  
**To:** McLerran, Dennis; Woolford, James; Mackey, Cyndy; Cora, Lori; Robinson, Deborah; Grandinetti, Cami  
**Cc:** Stern, Allyn; Ingemansen, Dean; Northridge, Michael; Pirzadeh, Michelle; Fonseca, Silvina; Allen, Elizabeth; Koch, Kristine; Ebright, Stephanie; Zhen, Davis; Sheldrake, Sean; Christopher, Anne; DeMaria, Eva; Conley, Alanna; MacIntyre, Mark; Dunbar, Bill; Holsman, Marianne; Fleming, Sheila; Stalcup, Dana; Ammon, Doug; Legare, Amy; Ells, Steve; Charters, David; Patterson, Kenneth; Lammie, Benjamin; Mott, Patricia  
**Subject:** RA Briefing on PH FS Completion, #2  
**When:** Monday, December 14, 2015 3:00 PM-4:30 PM (UTC-08:00) Pacific Time (US & Canada).

**Where:** R10: ET Conf Room; Conf line:

**Personal Privacy / Ex. 6**

**Subj:** Briefing the R10 RA on the Portland Harbor Feasibility Study completion

**Scheduling POC:** Matt Magorrian/R10 206-553-6284

**Content POC:** Lori Cora/R10 206-553-1115 or Kristine Koch/R10 260-553-6705

**Required:**

McLerran  
Woolford  
Pirzadeh  
Grandinetti  
Cora, Lori  
Koch, Kristine  
Mackey, Cyndi  
Northridge, Michael

**Optional:**

Zhen  
Robinson, Deborah  
Ingemansen  
Allen, Elizabeth  
Ebright  
Stern, Allyn  
Sheldrake, Sean  
Christopher  
DeMaria  
Conley  
Macintyre  
Dunbar  
Holsman  
Fleming, Sheila  
Stalcup  
Ammon  
Fonseca, Silvina  
Legare  
Ells  
Charters

**To:** Stalcup, Dana[Stalcup.Dana@epa.gov]; Fitz-James, Schatzi[Fitz-James.Schatzi@epa.gov]; Richardson, RobinH[Richardson.RobinH@epa.gov]; Ammon, Doug[Ammon.Doug@epa.gov]; Ells, Steve[Ells.Steve@epa.gov]; Fonseca, Silvina[Fonseca.Silvina@epa.gov]; Legare, Amy[Legare.Amy@epa.gov]; Charters, David[Charters.DavidW@epa.gov]  
**From:** Woolford, James  
**Sent:** Wed 12/9/2015 5:25:20 PM  
**Subject:** FW: Options Memo for RA conference call at 2:30 p.m. Wednesday -- re: Portland Harbor FS PH finalizing FS options 12 7 2015.docx

From Region 10.

Jim Woolford, Director

Office of Superfund Remediation and Technology Innovation

Office of Solid Waste and Emergency Response

US Environmental Protection Agency

1200 Penn. Ave., NW

Washington, DC 20460

(Mail Code 5201-P)

Phone: (703) 603 8960– Main Office Line

Physically located at:

Room 5622

One Potomac Yard (South)  
2777 S. Crystal Dr.  
Arlington, VA 22202



**From:** Grandinetti, Cami  
**Sent:** Wednesday, December 09, 2015 11:59 AM  
**To:** Woolford, James <Woolford.James@epa.gov>  
**Subject:** FW: Options Memo for RA conference call at 2:30 p.m. Wednesday -- re: Portland Harbor FS

---

**Cami Grandinetti**

**Program Manager, Remedial Cleanup Program**

**USEPA**

1200 6th Ave, Suite 900

ECL-123

Seattle, Wa. 98101

206-553-8696 (desk)

206-390-8890 (cell)

206-553-0124 (fax)

**From:** Cora, Lori  
**Sent:** Monday, December 07, 2015 10:21 AM  
**To:** Magorrian, Matthew <Magorrian.Matthew@epa.gov>  
**Cc:** Grandinetti, Cami <Grandinetti.Cami@epa.gov>; Zhen, Davis <Zhen.Davis@epa.gov>; Koch, Kristine <Koch.Kristine@epa.gov>; Ingemansen, Dean <Ingemansen.Dean@epa.gov>



**Subject:** Options Memo for RA conference call at 2:30 p.m. Wednesday -- re: Portland Harbor FS

Hi, Matt. Could you send this options memo around to the staff and managers that you have invited to Dennis' 2:30 p.m. call on Wednesday, December 9<sup>th</sup>? Thanks.

Cami, Davis, Dean, and Kristine: Please note

**Deliberative Process / Ex. 5**

# **Deliberative Process / Ex. 5**

---

Lori Houck Cora | Assistant Regional Counsel  
U.S. Environmental Protection Agency | Region 10  
P: (206) 553.1115 | F: (206) 553.1762 | [cora.lori@epa.gov](mailto:cora.lori@epa.gov)

Follow @EPAnorthwest on Twitter! <https://twitter.com/EPAnorthwest>

**To:** Woolford, James[Woolford.James@epa.gov]; Fonseca, Silvina[Fonseca.Silvina@epa.gov]  
**Cc:** Ammon, Doug[Ammon.Doug@epa.gov]; Stalcup, Dana[Stalcup.Dana@epa.gov]; Legare, Amy[Legare.Amy@epa.gov]; Charters, David[Charters.DavidW@epa.gov]  
**From:** Ells, Steve  
**Sent:** Thur 12/3/2015 5:03:28 PM  
**Subject:** RE: Follow up on PH

Our plan is to make the 12/31 date. Will know more as the drafts of the recommendations proceed. Still having calls with entire NRRB/CSTAG.

**From:** Woolford, James  
**Sent:** Thursday, December 03, 2015 12:01 PM  
**To:** Ells, Steve <Ells.Steve@epa.gov>; Fonseca, Silvina <Fonseca.Silvina@epa.gov>  
**Cc:** Ammon, Doug <Ammon.Doug@epa.gov>; Stalcup, Dana <Stalcup.Dana@epa.gov>; Legare, Amy <Legare.Amy@epa.gov>; Charters, David <Charters.DavidW@epa.gov>  
**Subject:** RE: Follow up on PH

If at all possible, I'd like to get comments done by 12/31. That said, the product will be heavily scrutinized so it needs to be high quality. So if you all need more time to make it good, lets chat.

**Deliberative Process / Ex. 5** This is a broader conversation.

Jim Woolford, Director  
Office of Superfund Remediation & Technology Innovation  
US EPA

Sent from my Windows Phone  
Please excuse typos

---

**From:** Ells, Steve  
**Sent:** 12/3/2015 11:14 AM  
**To:** Fonseca, Silvina; Woolford, James  
**Cc:** Ammon, Doug; Stalcup, Dana; Legare, Amy; Charters, David  
**Subject:** RE: Follow up on PH

I forgot to mention yesterday that Jim also supports Dennis's recommendation to delay releasing the NRRB comments.

**From:** Fonseca, Silvina

**Sent:** Wednesday, December 02, 2015 1:03 PM  
**To:** Woolford, James <Woolford.James@epa.gov>  
**Cc:** Ammon, Doug <Ammon.Doug@epa.gov>; Stalcup, Dana <Stalcup.Dana@epa.gov>; Ells, Steve <Ells.Steve@epa.gov>; Legare, Amy <Legare.Amy@epa.gov>; Charters, David <Charters.DavidW@epa.gov>  
**Subject:** Follow up on PH

Good afternoon Jim,

The team is in the process of working with the Region on scheduling activities for the next few weeks, as the holiday schedules will be impacting the month of December. We have a few questions to clarify a few issues so that we can discuss with the Region and plan accordingly our upcoming activities and action items:

- 1) Boards' Recommendation Memo – EPA has verbally indicated that the RRB/CSTAG recommendation memo would be signed by December 31. Was there an expectation on timing for posting the memo? If we can get it signed by the 31<sup>st</sup> the memo could be posted the first week in January. The issue however is holiday and annual leave schedules. We have several staff and Board members whose schedules will make it almost impossible to get the recommendation memo completed by the 31<sup>st</sup>. We have a call scheduled with the Boards this afternoon to go over the draft recommendations. What are your thoughts on pushing the signature date out past December 31<sup>st</sup>?
- 2) Regional Responses and posting - Dennis has indicated that he would like to post the Region's response to the Boards' recommendations at the same time. We want to confirm with you support that approach. Again, schedule wise that may be an issue due to individual schedules. If you are ok with Dennis' approach, we recommend that we post both the recommendations and the regional responses by January 21, 2015. We have not discussed this potential date with the Region, but wanted to run it by you first. In addition, this may not be the expectation of some stakeholders.

- 3) 

<b>Deliberative Process / Ex. 5</b>
-------------------------------------

<b>Deliberative Process / Ex. 5</b>	We would like to have a better understanding of your thoughts and have an opportunity to discuss them with you. However, our schedules for this week do not allow for us to meet. Could you provide us with further details, or would you rather discuss in person and we can look to next week to find some meeting time?
-------------------------------------	--

Amy and I are working from home today and we are all trying to coordinate our 6 hour meeting with the Region tomorrow. We don't know if we will be in the office or working from home. Steve and I are out on Friday.

Silvina Fonseca, Environmental Engineer  
Office of Superfund Remediation and Technology Innovation

Phone #: 703-603-8799  
Fax #: 703-603-9104

**To:** Ammon, Doug[Ammon.Doug@epa.gov]; Fonseca, Silvina[Fonseca.Silvina@epa.gov]; Legare, Amy[Legare.Amy@epa.gov]; Ells, Steve[Ells.Steve@epa.gov]; Charters, David[Charters.DavidW@epa.gov]  
**From:** Stalcup, Dana  
**Sent:** Mon 11/16/2015 7:14:08 PM  
**Subject:** FW: Portland Harbor - Optimized cost  
Table CS-OPTM Costs for Preferred Alternative.pdf

Dana Stalcup

Director, Assessment and Remediation Division

OSWER/Office of Superfund Remediation and Technology Innovation (OSRTI)

Desk – 703-603-8702

Cell – 202-309-5473

**From:** Woolford, James  
**Sent:** Friday, November 13, 2015 11:50 PM  
**To:** Stanislaus, Mathy <Stanislaus.Mathy@epa.gov>; Breen, Barry <Breen.Barry@epa.gov>; Stalcup, Dana <Stalcup.Dana@epa.gov>  
**Subject:** FW: Portland Harbor - Optimized cost

## Deliberative Process / Ex. 5

Jim Woolford, Director  
Office of Superfund Remediation & Technology Innovation  
US EPA

Sent from my Windows Phone  
Please excuse typos

---

**From:** Koch, Kristine  
**Sent:** 11/13/2015 2:56 PM  
**To:** Woolford, James  
**Subject:** Portland Harbor - Optimized cost

Jim – here are the costs for the optimized remedy.

Kristine Koch  
Remedial Project Manager  
USEPA, Office of Environmental Cleanup

U. S. Environmental Protection Agency  
Region 10  
1200 Sixth Avenue, Suite 900, M/S ECL-122  
Seattle, Washington 98101-3140

(206)553-6705  
(206)553-8581 (fax)  
1-800-424-4372 extension 6705 (M-F, 8-4 Pacific Time, only)

**To:** Woolford, James[Woolford.James@epa.gov]; Charters, David[Charters.DavidW@epa.gov]  
**From:** Ells, Steve  
**Sent:** Fri 11/13/2015 3:45:52 PM  
**Subject:** Re: UPDATE based on today's Pre-Brief: Materials to look at for PH Execs

## Deliberative Process / Ex. 5

---

**From:** Woolford, James  
**Sent:** Friday, November 13, 2015 10:33 AM  
**To:** Ells, Steve; Charters, David  
**Subject:** RE: UPDATE based on today's Pre-Brief: Materials to look at for PH Execs

## Deliberative Process / Ex. 5

Jim Woolford, Director  
Office of Superfund Remediation & Technology Innovation  
US EPA

Sent from my Windows Phone  
Please excuse typos

---

**From:** [Ells, Steve](#)  
**Sent:** 11/13/2015 7:11 AM  
**To:** [Woolford, James](#); [Charters, David](#)  
**Subject:** Re: UPDATE based on today's Pre-Brief: Materials to look at for PH Execs

## Deliberative Process / Ex. 5

---

**From:** Woolford, James  
**Sent:** Thursday, November 12, 2015 7:24 PM  
**To:** Ells, Steve; Charters, David  
**Subject:** Fw: UPDATE based on today's Pre-Brief: Materials to look at for PH Execs

forwarding to you all

Jim Woolford, Director

Office of Superfund Remediation and Technology Innovation

Office of Solid Waste and Emergency Response

US EPA

Phone: 703-603-8960 (office)

Mailing address:

1200 PA Ave. NW

Washington, DC 20460

Mail Code - 5201 P

Address

2777 S. Crystal Drive

Arlington, VA 22202

Room 5622

Note - EPA email cannot receive or send emails greater than 25 mbs.



---

**From:** Robinson, Deborah

**Sent:** Thursday, November 12, 2015 7:22 PM

**To:** McLerran, Dennis; Grandinetti, Cami; Zhen, Davis; Woolford, James; Stalcup, Dana; Sheldrake, Sean; Fonseca, Silvina; Legare, Amy; Christopher, Anne; Koch, Kristine; DeMaria, Eva; Allen, Elizabeth; Conley, Alanna; Cora, Lori; Skadowski, Suzanne; MacIntyre, Mark; Dunbar, Bill; Ammon, Doug; Holsman, Marianne; Tyler, Kendra; Erikson, Linda; Pirzadeh, Michelle; Magorrian, Matthew

**Subject:** UPDATE based on today's Pre-Brief: Materials to look at for PH Execs

Attached are updated materials for PH Execs based on today's pre-brief.

Also I am attaching the PH Execs Agenda for the correct date – 11/13.

Thanks,

Debbie

=====

From the Desk of:

Debbie Robinson

Tel: 206-553-4961

robinson.deborah@epa.gov

US EPA Region 10, M/S ECL 122, 1200 Sixth Avenue, Suite 900, Seattle, WA 98101

**From:** Robinson, Deborah

**Sent:** Thursday, November 12, 2015 3:45 PM

**To:** McLerran, Dennis <mclerran.dennis@epa.gov>; Grandinetti, Cami <Grandinetti.Cami@epa.gov>; Zhen, Davis <Zhen.Davis@epa.gov>; Woolford, James <Woolford.James@epa.gov>; Stalcup, Dana <Stalcup.Dana@epa.gov>; Sheldrake, Sean <sheldrake.sean@epa.gov>; Fonseca, Silvina <Fonseca.Silvina@epa.gov>; Legare, Amy <Legare.Amy@epa.gov>; Christopher, Anne <Christopher.Anne@epa.gov>; Koch, Kristine <Koch.Kristine@epa.gov>; DeMaria, Eva <DeMaria.Eva@epa.gov>; Allen, Elizabeth <allen.elizabeth@epa.gov>; Conley, Alanna <conley.alanna@epa.gov>; Cora, Lori <Cora.Lori@epa.gov>; Skadowski, Suzanne <Skadowski.Suzanne@epa.gov>; Mark Macintyre <Macintyre.Mark@epa.gov>; Dunbar, Bill <dunbar.bill@epa.gov>; Ammon, Doug <Ammon.Doug@epa.gov>; Holsman, Marianne <Holsman.Marianne@epa.gov>; Tyler, Kendra <Tyler.Kendra@epa.gov>; Erikson, Linda <Erikson.Linda@epa.gov>; Pirzadeh, Michelle <Pirzadeh.Michelle@epa.gov>; Magorrian, Matthew <Magorrian.Matthew@epa.gov>

**Subject:** Materials to look at for PH Execs and Meeting with Congressionals

Attached are:

PH Executives Agenda

PH Talking Points (slightly revised from previous set of Talking Points)

Initial draft Congressional powerpoint

Thanks,

Debbie

=====

From the Desk of:

Debbie Robinson

Tel: 206-553-4961

[robinson.deborah@epa.gov](mailto:robinson.deborah@epa.gov)

US EPA Region 10, M/S ECL 122, 1200 Sixth Avenue, Suite 900, Seattle, WA 98101

**To:** OSWER OSRTI RRB[OSWER\_OSRTI\_RRB@epa.gov]; OSWER OSRTI  
CSTAG[OSWER\_OSRTI\_CSTAG@epa.gov]  
**Cc:** Fonseca, Silvina[Fonseca.Silvina@epa.gov]; Charters, David[Charters.DavidW@epa.gov]  
**From:** Legare, Amy  
**Sent:** Wed 11/4/2015 1:41:33 PM  
**Subject:** Portland Harbor - summary of key stakeholder comments

**Personal Privacy / Ex. 6**

*Comments to NRRB CSTAG all*

**To:** Charters, David[Charters.DavidW@epa.gov]; Koch, Kristine[Koch.Kristine@epa.gov]  
**From:** Allen, Elizabeth  
**Sent:** Tue 10/27/2015 8:41:48 PM  
**Subject:** RE: FS Information Requests from LWG

Hide. Those people are crazy.

**From:** Charters, David  
**Sent:** Tuesday, October 27, 2015 1:41 PM  
**To:** Allen, Elizabeth; Koch, Kristine  
**Subject:** RE: FS Information Requests from LWG

No? Wait, I have to go. The spelling/dyslexia police are at my door. ☺

**From:** Allen, Elizabeth  
**Sent:** Tuesday, October 27, 2015 4:37 PM  
**To:** Charters, David <Charters.DavidW@epa.gov>; Koch, Kristine <Koch.Kristine@epa.gov>  
**Subject:** RE: FS Information Requests from LWG

We're not suing anyone yet ;-)

**From:** Charters, David  
**Sent:** Tuesday, October 27, 2015 1:36 PM  
**To:** Koch, Kristine  
**Cc:** Allen, Elizabeth  
**Subject:** RE: FS Information Requests from LWG

## Deliberative Process / Ex. 5

**From:** Koch, Kristine

**Sent:** Tuesday, October 27, 2015 3:07 PM  
**To:** Charters, David <[Charters.DavidW@epa.gov](mailto:Charters.DavidW@epa.gov)>  
**Cc:** Allen, Elizabeth <[allen.elizabeth@epa.gov](mailto:allen.elizabeth@epa.gov)>  
**Subject:** FW: FS Information Requests from LWG

# Deliberative Process / Ex. 5

Thanks,

Kristine Koch  
Remedial Project Manager  
USEPA, Office of Environmental Cleanup

U. S. Environmental Protection Agency  
Region 10  
1200 Sixth Avenue, Suite 900, M/S ECL-122  
Seattle, Washington 98101-3140

(206)553-6705  
(206)553-8581 (fax)  
1-800-424-4372 extension 6705 (M-F, 8-4 Pacific Time, only)

**From:** Shephard, Burt  
**Sent:** Monday, October 26, 2015 5:11 PM  
**To:** Koch, Kristine  
**Cc:** Coffey, Scott; Allen, Elizabeth  
**Subject:** RE: FS Information Requests from LWG

Kristine,

**Deliberative Process / Ex. 5**

# Deliberative Process / Ex. 5

Hopefully this addresses LWG's concerns on item 20 in their information request of September 8, 2015. Let me know if this provides you with what is needed to respond to the LWG.

Best regards,

Burt Shephard  
Risk Evaluation Unit  
Office of Environmental Assessment (OEA-095)  
U.S. Environmental Protection Agency, Region 10  
1200 6th Avenue  
Seattle, WA 98101

Telephone: (206) 553-6359

Fax: (206) 553-0119

e-mail: [Shephard.Burt@epa.gov](mailto:Shephard.Burt@epa.gov)

"Facts are stubborn things, but statistics are more pliable"  
- Mark Twain

**From:** Koch, Kristine

**Sent:** Thursday, October 22, 2015 12:25 PM  
**To:** Coffey, Scott; Allen, Elizabeth; Shephard, Burt  
**Subject:** FW: FS Information Requests from LWG

Scott, Elizabeth and Burt – see list below. I spoke with Carl yesterday and got some updated direction. The original request is attached that matches the numbers below so you can see the request. Please do not provide everything in the attached, only what I indicate below. Please provide by COB Monday November 2, 2015. Thanks,

Kristine Koch  
Remedial Project Manager  
USEPA, Office of Environmental Cleanup

U. S. Environmental Protection Agency  
Region 10  
1200 Sixth Avenue, Suite 900, M/S ECL-122  
Seattle, Washington 98101-3140

(206)553-6705  
(206)553-8581 (fax)  
1-800-424-4372 extension 6705 (M-F, 8-4 Pacific Time, only)

**From:** Carl Stivers [<mailto:cstivers@anchoragea.com>]  
**Sent:** Wednesday, October 21, 2015 10:27 AM  
**To:** Koch, Kristine  
**Subject:** RE: FS Information Requests

Kristine – I will give you a call at 11 am today. Just to make our call a little more efficient, below are the specific requests that I wanted to discuss with you today. The numbers follow the numbering of the full September 8 information request (attached). Thanks.

Information Needs to Enable Review of EPA's Revised FS Sections 3 and 4

#8 (PTW assignments) – provide updated Figure 3.3-40. - Kristine

#11 {RCRA Hazardous Waste) – provide updated Figure 3.3-40. - Kristine

#17 (Dioxin/Furan RALs) – provide files used to develop background (ProUCL outputs) -

Elizabeth

#18 (PeCDD RALs) – same as #17 - Elizabeth

#19 (TPAH RALs) – provide basis and any calculations for PRG on Figure 3.3-2 - CDM

#20 (Benthic risk “toxicity points”) – basis for only including bioassay and LRM but not FPM - Burt

#22 (Riverbanks) – provide information on how volumes were calculated - CDM

#28 (Construction duration assumptions) – provide capping rate assumptions and CDF construction times - CDM

#32 (Residual risk) – provide methodology for calculating residual risk - CDM

#38 (Areas and volumes associated with technology assignments) – provide any GIS files, code, output code or spreadsheets used to delineate the areas and volumes for each technology assignment. - CDM

#39 (Cost estimates per SMA or SDU) – We don’t have this.

#### Request for Corrected Information

#5 (information related to areas downstream of RM 1.9) – Confirmation that areas downstream of RM 1.9 was not used - Kristine

**Carl Stivers**

**ANCHOR QEA, LLC**

[cstivers@anchorqea.com](mailto:cstivers@anchorqea.com)

23 S. Wenatchee Ave, Suite 220

Wenatchee, WA 98801

Phone: 509.888.2070

**ANCHOR QEA, LLC**

[www.anchorqea.com](http://www.anchorqea.com)

**Please consider the environment before printing this email.**

This electronic message transmission contains information that may be confidential and/or privileged work product prepared in anticipation of litigation. The information is intended for the use of the individual or entity named above. If you are not the intended recipient, please be aware that any disclosure, copying distribution or use of the contents of this information is prohibited. If you have received this electronic transmission in error, please notify us by telephone at (206) 287-9130.



**From:** Carl Stivers  
**Sent:** Tuesday, October 20, 2015 2:19 PM  
**To:** 'Koch, Kristine'  
**Subject:** RE: FS Information Requests

Can I call you at your desk at 11 am tomorrow? Thanks.

**Carl Stivers**

**ANCHOR QEA, LLC**  
[cstivers@anchorqea.com](mailto:cstivers@anchorqea.com)  
23 S. Wenatchee Ave, Suite 220  
Wenatchee, WA 98801  
Phone: 509.888.2070

**ANCHOR QEA, LLC**  
[www.anchorqea.com](http://www.anchorqea.com)  
Please consider the environment before printing this email.

This electronic message transmission contains information that may be confidential and/or privileged work product prepared in anticipation of litigation. The information is intended for the use of the individual or entity named above. If you are not the intended recipient, please be aware that any disclosure, copying distribution or use of the contents of this information is prohibited. If you have received this electronic transmission in error, please notify us by telephone at (206) 287-9130.

**From:** Koch, Kristine [<mailto:Koch.Kristine@epa.gov>]  
**Sent:** Tuesday, October 20, 2015 2:11 PM  
**To:** Carl Stivers  
**Subject:** RE: FS Information Requests

Carl – I'm available between 11 and 2 tomorrow.

Kristine Koch  
Remedial Project Manager  
USEPA, Office of Environmental Cleanup

U. S. Environmental Protection Agency  
Region 10  
1200 Sixth Avenue, Suite 900, M/S ECL-122  
Seattle, Washington 98101-3140

(206)553-6705  
(206)553-8581 (fax)  
1-800-424-4372 extension 6705 (M-F, 8-4 Pacific Time, only)

**From:** Carl Stivers [<mailto:cstivers@anchorqea.com>]  
**Sent:** Monday, October 19, 2015 2:06 PM  
**To:** Koch, Kristine  
**Subject:** FS Information Requests

Kristine – Per our conference call last Friday, I would like to arrange a time to discuss the LWG FS information requests with you. I am available all day tomorrow (Tuesday October 20) and all day Wednesday (Oct 21). Please let me know of a good time to call you (and appropriate number).

**Personal Privacy / Ex. 6**

so I am hoping we can connect up before then. Thanks much.

Carl

**Carl Stivers**

**ANCHOR QEA, LLC**  
[cstivers@anchorqea.com](mailto:cstivers@anchorqea.com)  
23 S. Wenatchee Ave, Suite 220  
Wenatchee, WA 98801  
Phone: 509.888.2070

**ANCHOR QEA, LLC**  
[www.anchorqea.com](http://www.anchorqea.com)  
Please consider the environment before printing this email.

This electronic message transmission contains information that may be confidential and/or privileged work product prepared in anticipation of litigation. The information is intended for the use of the individual or entity named above. If you are not the intended recipient, please be aware that any disclosure, copying distribution or use of the contents of this information is prohibited. If you have received this electronic transmission in error, please notify us by telephone at (206) 287-9130.



**To:** Legare, Amy[Legare.Amy@epa.gov]; Stalcup, Dana[Stalcup.Dana@epa.gov]; Ammon, Doug[Ammon.Doug@epa.gov]  
**Cc:** Charters, David[Charters.DavidW@epa.gov]; Fonseca, Silvina[Fonseca.Silvina@epa.gov]; Ells, Steve[Ells.Steve@epa.gov]  
**From:** Woolford, James  
**Sent:** Wed 10/21/2015 9:35:09 PM  
**Subject:** RE: PH - FW: responding to the extracurricular parties who provided comments

## Deliberative Process / Ex. 5

Jim Woolford, Director  
Office of Superfund Remediation & Technology Innovation  
US EPA

Sent from my Windows Phone  
Please excuse typos

---

**From:** [Legare, Amy](#)  
**Sent:** 10/21/2015 11:08 AM  
**To:** [Woolford, James](#); [Stalcup, Dana](#); [Ammon, Doug](#)  
**Cc:** [Charters, David](#); [Fonseca, Silvina](#); [Ells, Steve](#)  
**Subject:** PH - FW: responding to the extracurricular parties who provided comments

I've already spoken with Kristine and Elizabeth on this. The initial request was to have me respond to the non-LWG parties. The Board manual is clear that communication between EPA and PRPs regarding a Board review is through the region.

Manual: When there is a PRP-lead RI/FS, the site manager should notify the PRPs of the pending review **as soon as the region identifies the site as a review candidate**. At this time, the region should offer the PRPs an opportunity to summarize in writing, 20 pages or less\*, any technical issues they believe are pertinent to the cleanup decision, including their recommended approach and rationale for that approach. The site manager should attach the PRP's summary to the site information package submitted to the Board four weeks before the meeting. PRP submissions should be made part of the administrative record.

The region, at its discretion, may solicit comments from PRPs who do not conduct the RI/FS. Generally, the region may do this in cases where PRPs have been substantively involved in RI/FS work and/or remedy selection issues, or if the region believes that PRPs may offer technical comments critical to understanding key remedy selection issues at the site.

The “extracurricular parties” have not been involved in the RI/FS and their comments were not solicited.

I recommend that the region refer to the Manual when telling the non-LWG PRPs that this is not the public comment period, that will come when the PP goes out, and that will be the time to submit their comments.

**From:** Grandinetti, Cami

**Sent:** Tuesday, October 20, 2015 4:36 PM

**To:** Legare, Amy <Legare.Amy@epa.gov>

**Subject:** responding to the extracurricular parties who provided comments

Amy—We’ve been ruminating

**Deliberative Process / Ex. 5**

# Deliberative Process / Ex. 5

**Deliberative Process / Ex. 5**

Let me know what you think. Thanks.

---

**Cami Grandinetti**

**Program Manager, Remedial Cleanup Program**

**USEPA**

1200 6th Ave, Suite 900

ECL-123

Seattle, Wa. 98101

206-553-8696 (desk)

206-390-8890 (cell)

206-553-0124 (fax)

---

\* PRPs may submit up to 40 pages for sites where the estimated remedial action costs exceed \$100M.

**To:** Stalcup, Dana[Stalcup.Dana@epa.gov]; Legare, Amy[Legare.Amy@epa.gov]; Woolford, James[Woolford.James@epa.gov]; Fonseca, Silvina[Fonseca.Silvina@epa.gov]; Charters, David[Charters.DavidW@epa.gov]; Ammon, Doug[Ammon.Doug@epa.gov]  
**Cc:** Scozzafava, MichaelE[Scozzafava.MichaelE@epa.gov]  
**From:** Ells, Steve  
**Sent:** Wed 10/21/2015 12:10:11 PM  
**Subject:** RE: gentle reminder - communications about PH NRRB package

The NRRP package only identified the 2 following issues (shortened here):

# Deliberative Process / Ex. 5

# Deliberative Process / Ex. 5

**From:** Stalcup, Dana

**Sent:** Wednesday, October 21, 2015 7:53 AM

**To:** Legare, Amy <Legare.Amy@epa.gov>; Woolford, James <Woolford.James@epa.gov>; Fonseca, Silvina <Fonseca.Silvina@epa.gov>; Ells, Steve <Ells.Steve@epa.gov>; Charters, David <Charters.DavidW@epa.gov>; Ammon, Doug <Ammon.Doug@epa.gov>

**Subject:** RE: gentle reminder - communications about PH NRRB package

Amy, this is a very helpful summary of where things stand, at least from our perspective.

# Deliberative Process / Ex. 5

Dana Stalcup

Director, Assessment and Remediation Division

OSWER/Office of Superfund Remediation and Technology Innovation (OSRTI)



Desk – 703-603-8702

Cell – 202-309-5473

**From:** Legare, Amy

**Sent:** Wednesday, October 21, 2015 7:47 AM

**To:** Woolford, James <[Woolford.James@epa.gov](mailto:Woolford.James@epa.gov)>; Stalcup, Dana <[Stalcup.Dana@epa.gov](mailto:Stalcup.Dana@epa.gov)>; Fonseca, Silvina <[Fonseca.Silvina@epa.gov](mailto:Fonseca.Silvina@epa.gov)>; Ells, Steve <[Ells.Steve@epa.gov](mailto:Ells.Steve@epa.gov)>; Charters, David <[Charters.DavidW@epa.gov](mailto:Charters.DavidW@epa.gov)>; Ammon, Doug <[Ammon.Doug@epa.gov](mailto:Ammon.Doug@epa.gov)>

**Subject:** RE: gentle reminder - communications about PH NRRB package

## Deliberative Process / Ex. 5

## Deliberative Process / Ex. 5

As for the issues to be presented to the Board,

**Deliberative Process / Ex. 5**

**Deliberative Process / Ex. 5**

**Deliberative Process / Ex. 5**

**From:** Woolford, James

**Sent:** Wednesday, October 21, 2015 7:26 AM

**To:** Stalcup, Dana <[Stalcup.Dana@epa.gov](mailto:Stalcup.Dana@epa.gov)>; Legare, Amy <[Legare.Amy@epa.gov](mailto:Legare.Amy@epa.gov)>; Fonseca, Silvina <[Fonseca.Silvina@epa.gov](mailto:Fonseca.Silvina@epa.gov)>; Ells, Steve <[Ells.Steve@epa.gov](mailto:Ells.Steve@epa.gov)>; Charters, David <[Charters.DavidW@epa.gov](mailto:Charters.DavidW@epa.gov)>; Ammon, Doug <[Ammon.Doug@epa.gov](mailto:Ammon.Doug@epa.gov)>

**Subject:** FW: gentle reminder - communications about PH NRRB package

Thoughts

Jim Woolford, Director  
Office of Superfund Remediation & Technology Innovation  
US EPA

Sent from my Windows Phone  
Please excuse typos

---

**From:** [Robinson, Deborah](#)  
**Sent:** 10/20/2015 9:48 PM  
**To:** [Woolford, James](#)  
**Cc:** [Stalcup, Dana](#)  
**Subject:** gentle reminder - communications about PH NRRB package

Hi Jim,

I just reviewed my notes from yesterday's meeting facilitated by Bill Ross and saw that you were planning to think about what sort of summary information we might provide to stakeholders about the NRRB package or the issues we are putting before the Board. If you will be attending the D/RA Briefing on 10/21 at 2:30 Pacific Time, it would be a great place to talk about your thinking on this question.

Thanks,

Debbie

=====  
From the Desk of:  
Debbie Robinson  
Tel: 206-553-4961  
[robinson.deborah@epa.gov](mailto:robinson.deborah@epa.gov)

US EPA Region 10, M/S ECL 122, 1200 Sixth Avenue, Suite 900, Seattle, WA 98101

**To:** Fonseca, Silvina[Fonseca.Silvina@epa.gov]; Ells, Steve[Ells.Steve@epa.gov]; Legare, Amy[Legare.Amy@epa.gov]; Charters, David[Charters.DavidW@epa.gov]  
**From:** Koch, Kristine  
**Sent:** Mon 10/19/2015 4:46:21 PM  
**Subject:** FW: FS Section 4 comments  
FS Section 4 5Tribes editorial redline 2015-09-24.doc  
FS Section 4 5Tribes substantive comments 2015-09-24.docx

Kristine Koch  
Remedial Project Manager  
USEPA, Office of Environmental Cleanup

U. S. Environmental Protection Agency  
Region 10  
1200 Sixth Avenue, Suite 900, M/S ECL-122  
Seattle, Washington 98101-3140

(206)553-6705  
(206)553-8581 (fax)  
1-800-424-4372 extension 6705 (M-F, 8-4 Pacific Time, only)

**From:** Gail Fricano [mailto:GFricano@indecon.com]  
**Sent:** Thursday, September 24, 2015 5:38 PM  
**To:** Koch, Kristine  
**Cc:** 'Julie Weis'; Michael.karnosh@grandronde.org; brandy.humphreys@grandronde.org; 'Holly Partridge'; tomd@ctsi.nsn.us; 'cunninghame@gorge.net'; 'Elmer Ward - Confederated Tribes of the Warm Springs Reservation of Oregon (elmer.ward@ctwsbnr.org) (elmer.ward@ctwsbnr.org)'; 'courtney@crag.org'; 'Gabriel Moses  
**Personal Privacy / Ex. 6** Rachel DelVecchio; Rita Cabral  
**Subject:** FS Section 4 comments

Kristine,

Thank you for the opportunity to comment on the Portland Harbor FS. Attached are comments from the Five Tribes on Section 4.

Our comments are provided in two documents:

1) Substantive comments are provided in a memo.

2) Purely editorial comments are provided in a redline version of Section 4 and are incidental to our substantive review.

Please let me know if you would like to discuss our comments.

Regards,

Gail

**Gail French Fricano**

*Senior Associate*

Industrial Economics, Incorporated (IEc)

2067 Massachusetts Ave.

Cambridge, MA 02140

617.354.0074

[www.indecon.com](http://www.indecon.com)

**To:** Legare, Amy[Legare.Amy@epa.gov]; Ells, Steve[Ells.Steve@epa.gov]; Woolford, James[Woolford.James@epa.gov]; Rigger, Don[Rigger.Don@epa.gov]; Stalcup, Dana[Stalcup.Dana@epa.gov]; Fitz-James, Schatzi[Fitz-James.Schatzi@epa.gov]; Ammon, Doug[Ammon.Doug@epa.gov]; Charters, David[Charters.DavidW@epa.gov]  
**From:** Fonseca, Silvina  
**Sent:** Wed 9/30/2015 5:46:22 PM  
**Subject:** RE: McCormick and Baxter remedial action summary

## Deliberative Process / Ex. 5

Silvina Fonseca, Environmental Engineer  
Office of Superfund Remediation and Technology Innovation

Phone #: 703-603-8799  
Fax #: 703-603-9104

**From:** Legare, Amy  
**Sent:** Wednesday, September 30, 2015 1:42 PM  
**To:** Ells, Steve; Fonseca, Silvina; Woolford, James; Rigger, Don; Stalcup, Dana; Fitz-James, Schatzi; Ammon, Doug; Charters, David  
**Subject:** RE: McCormick and Baxter remedial action summary

Jim's questions:

## Deliberative Process / Ex. 5

# Deliberative Process / Ex. 5

**From:** Ells, Steve

**Sent:** Monday, September 28, 2015 1:31 PM

**To:** Fonseca, Silvina; Woolford, James; Legare, Amy; Rigger, Don; Stalcup, Dana; Fitz-James, Schatzi; Ammon, Doug; Charters, David

**Cc:** Anderson, RobinM

**Subject:** RE: McCormick and Baxter remedial action summary

# Deliberative Process / Ex. 5

**From:** Fonseca, Silvina

**Sent:** Monday, September 28, 2015 10:38 AM

**To:** Woolford, James; Legare, Amy; Rigger, Don; Stalcup, Dana; Fitz-James, Schatzi; Ammon, Doug; Ells, Steve; Charters, David

**Cc:** Anderson, RobinM

**Subject:** RE: McCormick and Baxter remedial action summary

# Deliberative Process / Ex. 5

# Deliberative Process / Ex. 5

# **Deliberative Process / Ex. 5**



# Deliberative Process / Ex. 5

Silvina Fonseca, Environmental Engineer  
Office of Superfund Remediation and Technology Innovation

Phone #: 703-603-8799  
Fax #: 703-603-9104

**From:** Woolford, James  
**Sent:** Sunday, September 27, 2015 6:30 PM  
**To:** Legare, Amy; Rigger, Don; Stalcup, Dana; Fitz-James, Schatzi; Ammon, Doug; Fonseca, Silvina; Ells, Steve; Charters, David  
**Subject:** RE: McCormick and Baxter remedial action summary

# Deliberative Process / Ex. 5

Jim Woolford, Director  
Office of Superfund Remediation & Technology Innovation  
US EPA

Sent from my Windows Phone  
Please excuse typos

---

**From:** Legare, Amy

**Sent:** 9/27/2015 10:04 AM

**To:** Woolford, James; Rigger, Don; Stalcup, Dana; Fitz-James, Schatzi; Ammon, Doug; Fonseca, Silvina; Ells, Steve; Charters, David

**Subject:** McCormick and Baxter remedial action summary

# Deliberative Process / Ex. 5

Amy Legare

EPA/OSWER/OSRTI/ARD/SARDB

5828 Potomac Yard South

703-347-0124

**To:** Fonseca, Silvina[Fonseca.Silvina@epa.gov]; Charters, David[Charters.DavidW@epa.gov]  
**From:** Legare, Amy  
**Sent:** Tue 9/22/2015 12:18:31 PM  
**Subject:** FW: Portland Harbor Presentation  
Parrett PH - Env Law Conference Sept 2015 (9-16-15).pdf

fyi

**From:** PARRETT Kevin [mailto:Parrett.Kevin@deq.state.or.us]  
**Sent:** Monday, September 21, 2015 5:23 PM  
**To:** Ells, Steve  
**Cc:** Legare, Amy  
**Subject:** RE: Portland Harbor Presentation

Hi Steve. Here's my presentation. Slide 10 lists key issues that DEQ will likely present to the NRRB – all of which have been discussed with R10 folks. Slides 11 to 17 lay out the basis for DEQ not believing the predicted tissue (and sediment) recoveries of the LWG model. I'd be happy to discuss any of this with you

Personal Privacy / Ex. 6

**Personal Privacy / Ex. 6**

Also, Cami saw my presentation.

Kevin Parrett, Manager

NW Region Cleanup Program

Oregon Department of Environmental Quality

700 NE Multnomah Street, Suite 600,

Portland, OR 97232

Office: 503-229-5567

Mobile: 503-997-4313

**From:** Ells, Steve [mailto:Ells.Steve@epa.gov]  
**Sent:** Monday, September 21, 2015 8:54 AM  
**To:** PARRETT Kevin  
**Cc:** Legare, Amy  
**Subject:** Portland Harbor Presentation

Hey Kevin, hope all is well. Jim Woolford said you gave a presentation to some stakeholders groups Friday and suggested we take a look at it, can you please send it to us?

Thanks,

Steve

Stephen J. Ells

703 603-8822

Science Policy Branch

Office of Superfund Remediation and

Technology Innovation

US EPA 5204P

1200 Pennsylvania Ave. N. W.

Washington DC 20460

*You have brains in your head. You have feet in your shoes. You can steer yourself any direction you choose. Dr. Seuss*

[www.epa.gov/superfund/health/conmedia/sediment/index.htm](http://www.epa.gov/superfund/health/conmedia/sediment/index.htm)

**To:** Charters, David[Charters.DavidW@epa.gov]; Fonseca, Silvina[Fonseca.Silvina@epa.gov]; Legare, Amy[Legare.Amy@epa.gov]  
**From:** Ells, Steve  
**Sent:** Wed 9/16/2015 4:41:38 PM  
**Subject:** RE: PH Transmittal Memo 9-15-15 sf and kk.docx  
Transmittal Memo 9-15-15 sf and kk DWC sje.docx

Heading back to my training class. I think it still needs some work.

**From:** Charters, David  
**Sent:** Wednesday, September 16, 2015 10:37 AM  
**To:** Allen, Elizabeth; Fonseca, Silvina; Ells, Steve; Legare, Amy; Christopher, Anne  
**Subject:** RE: PH Transmittal Memo 9-15-15 sf and kk.docx

suggestions

**From:** Allen, Elizabeth  
**Sent:** Wednesday, September 16, 2015 10:27 AM  
**To:** Fonseca, Silvina; Charters, David; Ells, Steve; Legare, Amy; Christopher, Anne  
**Subject:** RE: PH Transmittal Memo 9-15-15 sf and kk.docx

## Deliberative Process / Ex. 5

**From:** Fonseca, Silvina  
**Sent:** Wednesday, September 16, 2015 6:34 AM  
**To:** Charters, David; Ells, Steve; Legare, Amy; Allen, Elizabeth; Christopher, Anne  
**Subject:** PH Transmittal Memo 9-15-15 sf and kk.docx

Hi guys,

Here is the memo Kristine and I have drafted that will go with the Conceptual Remedy on Friday. Please review and let me know if you have any comments or edits. Management has not

seen this, and I would like for us to have all our comments before we send it forth for their consideration.

# **Deliberative Process / Ex. 5**

Your thoughts?

Silvina

## Transmittal Memo/Note

The EPA is moving forward with developing its Proposed Plan for the Portland Harbor Superfund Site scheduled for release in the spring of 2016. EPA has been working closely with the Oregon Department of Environmental Quality, the Lower Willamette Group, six Native American tribes and several other federal, state and local agencies to understand site conditions and the contamination that poses potential risks. Using the best available science and technologies we have evaluated the information gathered to determine the nature and extent of contamination and begun to determine the scope of cleanup that may be needed to protect human health and the environment.. The focus of the cleanup will be on those thirteen areas that have the highest levels of risk to human health and the environment.

Like most large contaminated sediment sites, the Portland Harbor Site and the Lower Willamette River is very dynamic and complex, and therefore need all parties to work together to develop cost-effective approaches to address the contamination and associated risks that achieve long term protection while minimize short-term impacts. Consequently, the remedy evaluation and selection processes are often complex and lengthy. To facilitate this process EPA is today presenting a conceptual remedy to key stakeholders to foster early engagement and transparency to shape the approach that will be presented to EPA's National Remedy Review Board (NRRB) and the Contaminated Sediment Advisory Group (CSTAG) at their joint meeting with EPA on November 18, 2015.

**Deliberative Process / Ex. 5**

**Deliberative Process / Ex. 5**



## **Deliberative Process / Ex. 5**

EPA plans to present this information at the NRRB and CSTAG joint meeting in November. We encourage the key stakeholders to provide input to the NRRB and CSTAG on technical issues with the FS and a recommended approach to address the site. The NRRB and CSTAG will consider the input during their joint review. The EPA will consider input from the NRRB and CSTAG on the conceptual and optimized remedies in developing a preferred remedy. EPA plans to release its Proposed Plan with the Preferred Alternative next spring, and will solicit public comment. EPA will evaluate the comments made during the Public Comment Period and make appropriate changes and select the final remedy.

**To:** Stalcup, Dana[Stalcup.Dana@epa.gov]; Gartner, Lois[Gartner.Loïs@epa.gov]; Ammon, Doug[Ammon.Doug@epa.gov]; Fitz-James, Schatzi[Fitz-James.Schatzi@epa.gov]; Fonseca, Silvina[Fonseca.Silvina@epa.gov]; Legare, Amy[Legare.Amy@epa.gov]; Charters, David[Charters.DavidW@epa.gov]  
**From:** Ells, Steve  
**Sent:** Tue 9/15/2015 2:37:47 PM  
**Subject:** RE: PDX--Jim wants to touch base

See comments below in red.

Steve

**From:** Stalcup, Dana  
**Sent:** Tuesday, September 15, 2015 10:20 AM  
**To:** Ells, Steve; Gartner, Lois; Ammon, Doug; Fitz-James, Schatzi; Fonseca, Silvina; Legare, Amy; Charters, David  
**Subject:** RE: PDX--Jim wants to touch base

I think this is the latest with comments from a bunch of folks:

## Deliberative Process / Ex. 5

# **Deliberative Process / Ex. 5**

# Deliberative Process / Ex. 5

Dana Stalcup

Director, Assessment and Remediation Division

OSWER/Office of Superfund Remediation and Technology Innovation (OSRTI)

Desk – 703-603-8702

Cell – 202-309-5473

**From:** Ells, Steve

**Sent:** Tuesday, September 15, 2015 10:10 AM

**To:** Gartner, Lois; Ammon, Doug; Stalcup, Dana; Fitz-James, Schatzi; Fonseca, Silvina; Legare, Amy; Charters, David

**Subject:** RE: PDX--Jim wants to touch base

We know that Cami was working on a response to Schrader yesterday, but we have not seen anything today. When you get it, please forward to us.

**From:** Gartner, Lois

**Sent:** Tuesday, September 15, 2015 9:53 AM

**To:** Ammon, Doug; Stalcup, Dana; Fitz-James, Schatzi; Fonseca, Silvina; Legare, Amy; Charters, David; Ells, Steve

**Subject:** PDX--Jim wants to touch base

All-just giving you a heads up that Jim wants to talk about PDX in anticipation of the Hill mtgs tomorrow...he has Cammi's talking points but is wondering about the status of the response to Cong. Schrader. Right now, his calendar is open later this afternoon from 3-4ish...will keep you posted.

**Lois Haas Gartner**

Special Assistant

Office of Superfund Remediation

and Technology Innovation

U.S. Environmental Protection Agency

703.603.8711 (desk)

703-581-9794 (cell)

**To:** Legare, Amy[Legare.Amy@epa.gov]; Charters, David[Charters.DavidW@epa.gov]  
**Cc:** Fonseca, Silvina[Fonseca.Silvina@epa.gov]  
**From:** Ells, Steve  
**Sent:** Mon 9/14/2015 4:45:58 PM  
**Subject:** FW: Fish sampling at PH

Team members, Jim specifically asked me to get feedback from the “team” on this today, please respond.

Steve

**From:** Fonseca, Silvina  
**Sent:** Monday, September 14, 2015 9:46 AM  
**To:** Ells, Steve; Legare, Amy; Charters, David  
**Cc:** Gustavson, Karl; Stalcup, Dana; Ammon, Doug; Scozzafava, MichaelE  
**Subject:** RE: Fish sampling at PH

## Deliberative Process / Ex. 5

Silvina Fonseca, Environmental Engineer  
Office of Superfund Remediation and Technology Innovation

Phone #: 703-603-8799  
Fax #: 703-603-9104

**From:** Ells, Steve  
**Sent:** Monday, September 14, 2015 9:29 AM  
**To:** Fonseca, Silvina; Legare, Amy; Charters, David  
**Cc:** Gustavson, Karl; Stalcup, Dana; Ammon, Doug; Scozzafava, MichaelE  
**Subject:** Fish sampling at PH

## Deliberative Process / Ex. 5

# Deliberative Process / Ex. 5

What does the team think, we need to move quickly?

Steve

Stephen J. Ells

703 603-8822

Science Policy Branch

Office of Superfund Remediation and

Technology Innovation

US EPA 5204P

1200 Pennsylvania Ave. N. W.

Washington DC 20460

*You have brains in your head. You have feet in your shoes. You can steer yourself any direction you choose. Dr. Seuss*

[www.epa.gov/superfund/health/conmedia/sediment/index.htm](http://www.epa.gov/superfund/health/conmedia/sediment/index.htm)



**To:** Charters, David[Charters.DavidW@epa.gov]; Ells, Steve[Ells.Steve@epa.gov]  
**Cc:** Fonseca, Silvina[Fonseca.Silvina@epa.gov]  
**From:** Legare, Amy  
**Sent:** Thur 9/10/2015 12:56:29 PM  
**Subject:** FW: For Review - D/RA prep meeting and congressional talking points  
2015 9-16 DRAFT CONDENSED Congressional Talking Points based on EPA-DEQ meeting.docx  
2015 9-10 Pre-Brief Meeting Outline.docx  
2015 9-16 DRAFT Congressional Talking Points based on EPA-DEQ meeting 9-9-15.docx

Not sent to you.

Call is on Jim's calendar but we weren't on the invite. R10: ET Conf Room; HQ: Conf line  
code

Personal Privacy / Ex. 6

Personal Privacy / Ex. 6

Personal Privacy / Ex. 6

I plan to call in.

**From:** Robinson, Deborah  
**Sent:** Thursday, September 10, 2015 2:33 AM  
**To:** Koch, Kristine; Christopher, Anne; Allen, Elizabeth; Sheldrake, Sean; DeMaria, Eva; Cora, Lori; Conley, Alanna; Fonseca, Silvina; Legare, Amy; MacIntyre, Mark; Schuster, Cindy  
**Cc:** Grandinetti, Cami; Zhen, Davis  
**Subject:** For Review - D/RA prep meeting and congressional talking points

Dear PH Team,

I do have your edits to my initial attempt to draft talking points for Congress; however today's meetings seemed to take us in a different direction.

These are my first, unedited attempts to create talking points from existing documents as well as the meetings we had today with DEQ. We have a chance to discuss the drafts with Dennis and Jim tomorrow and get direction. We are aiming for final talking points that can be used for Congress and PH Execs by Monday 9/14.

Please send me your upgrades.

Attached are:

- Outline for 9:30 pre-brief with D/RA, listing supporting documents
- Mass accumulation of talking points from today's meeting
- Initial attempt to condense talking points for Congress

Thanks,

Debbie

=====

From the Desk of:

Debbie Robinson

Tel: 206-553-4961

[robinson.deborah@epa.gov](mailto:robinson.deborah@epa.gov)

US EPA Region 10, M/S ECL 122, 1200 Sixth Avenue, Suite 900, Seattle, WA 98101

**In General (From Mark's communications plan):**

- As you know, the EPA is on track to release its proposed Portland Harbor cleanup plan in the spring of 2016. Together with the Oregon Department of Environmental Quality, the Lower Willamette Group, six Native American tribes and several other federal, state and local agencies, we have used the best science and technology available to measure the scope and breadth of the cleanup challenge.
- The combined efforts of EPA and the Lower Willamette Group have painted a clearer picture of where unacceptable contamination levels exist in the river and how best to dredge, cap or otherwise remediate them.
- Clearly, the most concentrated, persistent and toxic pollutants must be cleaned up to levels that reduce the risk to people -- and the EPA and the DEQ are working with responsible parties to do just that.
- Contaminated sediment cleanups like Portland's Lower Willamette, are big and complicated, and will require agencies, tribes, industries and local communities to work together to understand the pollution and develop plans to address the problems. That process is often complex, and almost always contentious.
- We have worked through many challenges to understand the river and ways to clean it up. All of the parties who embarked on the cleanup are drawing closer to a final cleanup plan. The EPA's goal remains clear: target the dangerous sources of pollution with a remedy that will be technically feasible, cost-effective and allow for a redevelopment a plan that mirrors Portlanders' vision for a cleaner, healthier working waterfront..
- When the EPA releases its proposed plan next spring, we will solicit public comment on selecting a final cleanup remedy. In the meantime we encourage everyone with a stake or interest in Portland Harbor and the Lower Willamette to get personally involved, at whatever level they choose, to help shape the cleanup. The Portland Harbor Citizens Advisory Group is a great place to start, or you may attend one of our multi-lingual Superfund workshops, or choose other opportunities from a busy calendar of community networking meetings.

### Project Update:

- On Friday, EPA will provide a conceptual remedy to key stakeholders which will begin a rigorous review process as we prepare the Proposed Plan for Portland Harbor.

### Process and Schedule: (Slide)

- EPA completed its draft final Feasibility Study (FS) and will provide a conceptual remedy (CR) on Friday.
- This gives us all a chance to narrow the conversation, develop and address specific comments and issues, and further refine the approach for the Portland Harbor site cleanup.
- The FS and CR were developed in close coordination with EPA HQ staff and managers to assure that our evaluation was prepared in accordance CERCLA, the National Contingency Plan and EPA guidance.
- (Jim – has read the FS and feels it is a strong document . . . )
- The CR will be provided to key stakeholders: LWG, Tribes, Natural Resource Agencies and the Community Advisory Group. These groups can review the CR as they develop comments to submit to EPA's National Remedy Review Board and Contaminated Sediments Technical Advisory Group.
- On November 18-19, EPA will hold its meeting to review the CR, take verbal comments from the DEQ and Tribes, and develop recommendations to ensure sound decision making consistent with current law, regulations and guidance as well as nationally consistent and cost effective.
- Based on inputs from our key stakeholders and government to government consultation with tribes, we will develop and publish a Proposed Plan for public comment.

### Conceptual Remedy (Slide with Colors showing alternatives)

#### *We Need to Have Active Remediation*

- **There are 13 hotspots in the river that are so hot that no one can eat the fish. We have to clean up this contamination so the river can recover.** When you take action on the 13 areas you get \_\_\_ fish consumption, and return the river to industry, the community and the fish and wildlife who call it home.
- Deliberative Process / Ex. 5 is a lot of money but it buys a healthy river for people, fish and wildlife for centuries into the future. This is the cost to bring the river back from 100 years of damage and give hundreds of years of healthy river in the future.
- State of Oregon has an interest in the future use of Portland Harbor as an economic center. Toward this aim, the state weighed in with a preference to minimize caps and especially restrictions on river use. The State also expressed a concern with the effectiveness of fish advisories.

# Deliberative Process / Ex. 5

# Deliberative Process / Ex. 5

- EPA's cost estimates are higher than LWG's. We are puzzled by this difference. We have told members of LWG that we're interested in knowing more about how they got to costs and discussing the assumptions leading to the differences in cost.
- The science is not settled, the decision is not locked in stone but will be guided by science. We are going to set this up so that as we collectively learn more we are always making the best decision that we can.

## **You may have heard:**

*Modeling:* You may have heard that we can rely on the river to clean itself up and there are model predictions that say this.

- You can't reliably model this river with the models that have been developed so far. LWGs model indicates that the river will naturally recover with minimal active remediation. We don't believe these results are accurate.
- I want to make it clear that we have looked hard at the models. Our data show no correlation between model predictions and what we know is in the river. It is especially hard to model this river. The river is big, has tidal action and is dynamic, meaning that there is variation in areas of deposition and erosion that are hard to predict. Human activities add to the difficulty of modeling the river. Ship traffic, piers and docks, anchoring and spudding all affect the dynamics of the river.
- We are continuing to refine the model and hope to be able to use it as one consideration in determining the remedy.
- The model is a piece of information but we should never rely on a model to predict what will happen in the future. There is so much uncertainty especially in a river as big and dynamic as this one that we cannot predict what happens in a short time with the model. Trying to predict far into the future would be too uncertain.
- We do believe that natural recovery will occur. We are relying on it through most of the river, and natural recovery will be required to reach cleanup goals after we finish active remediation. However, we are less willing to rely on natural recovery in hotspots. We believe it is necessary to start with removing, treating or containing the areas of high contamination.

*Risk Reduction:*

- You will probably hear that after spending all this money, people will still not be able to eat fish. Pregnant women or women who want to have children and breastfeed will still have restrictions, but everyone else will be able to eat fish. Fish, herons, otters, and other wildlife will have a healthy environment.

*Flexibility:*

- You may hear that LWG wants flexibility to choose technologies as long as they will meet a specific goal. Under Superfund, we cannot offer that level of flexibility. Our Proposed Plan and ROD must say how we want the goal achieved. We do have a flexible structure to assign technologies, however, based on the location in the river, the dynamics in that location and the type of contamination. We are seeking input on that structure prior to developing the proposed plan. We will consider proposals of other ways to achieve our goals of certainty, consistency of future land use . . .

*FS and alternatives analysis:*

- You might have heard that the FS is built on flawed assumptions, serious technical deficiencies and major policy inconsistencies. You may have heard that EPA developed the wrong alternatives and scored them incorrectly. We used the data developed by LWG, built upon assumptions in the FS that LWG prepared and continue to work hand in hand with Headquarters to assure that the FS and CR are consistent with EPA policy. The footprints show that there is agreement on known contamination hot spots. There are definitely some differences in assumptions and costs, and we need to talk about that. EPA carefully documented its approach to scoring the alternatives.
- You may have heard that EPA is rushing the FS, that the FS is not ready for prime time and remedy selections, and the LWG has inadequate time to review the FS and impact the CR. After 14 years on this project, we are ready to make a remedy selection decision. WE have been looking at and discussing alternatives for years. The alternatives are a lot like the LWG's. Our foundation is the LWGs work. The footprints and areas we are focusing on are the same. Where there are differences is because we want more certainty and return the river to use by industry animals and people.

**To:** Ammon, Doug[Ammon.Doug@epa.gov]; Fonseca, Silvina[Fonseca.Silvina@epa.gov]; Legare, Amy[Legare.Amy@epa.gov]; Stalcup, Dana[Stalcup.Dana@epa.gov]; Fitz-James, Schatzi[Fitz-James.Schatzi@epa.gov]; Ells, Steve[Ells.Steve@epa.gov]; Charters, David[Charters.DavidW@epa.gov]; Gartner, Lois[Gartner.Lois@epa.gov]  
**From:** Woolford, James  
**Sent:** Tue 9/8/2015 9:39:52 PM  
**Subject:** FW: LWG List of Significant Issues with EPA's Revised FS Sections 3 and 4  
2015-09-08 LWG Letter re Significant Issues on EPA FS Section 3 and 4.pdf  
2015-09-08 FS Sec 3 and 4 List of Significant Issues.pdf

Jim Woolford, Director  
Office of Superfund Remediation & Technology Innovation  
US EPA

Sent from my Windows Phone  
Please excuse typos

---

**From:** Jen Woronets  
**Sent:** 9/8/2015 5:37 PM  
**To:** Koch, Kristine  
**Cc:** Woolford, James; Ells, Steve; Grandinetti, Cami; brandy.humphreys@grandronde.org; audiehuber@ctuir.com; Bob Wyatt; callie@ridolfi.com; Courtney Johnson (courtney@crag.org); cunninghame@gorge.net; Dave Livesay; Elmer Ward (elmer.ward@ctwsbnr.org); Gabriel Moses ( **Personal Privacy / Ex. 6** ); Gail Fricano (gfricano@indecon.com); Holly Partridge (Holly.Partridge@grandronde.org); Jennifer Kassakian (jkassakian@indecon.com); Jen Woronets; Jim McKenna (jim.mckenna@verdantllc.com); Julie Weis; Kim Cox (kim.cox@portlandoregon.gov); Kim D'Aquila (kim.daquila@grandronde.org); Madalinski, Kelly; MCCLINCY Matt; Michael.karnosh@grandronde.org; Rachel DelVecchio (rdelvecchio@indecon.com); Rita Cabral; Robert.Neely@noaa.gov; rose@yakamafish-nsn.gov; Sheldrake, Sean; tomd@ctsi.nsn.us; Carl Stivers; Amanda Shellenberger; Patty Dost  
**Subject:** LWG List of Significant Issues with EPA's Revised FS Sections 3 and 4

Kristine,

Per Jim Woolford's request, attached please find the list of significant issues with EPA's revised FS Sections 3 and 4.

Let us know if you have any questions.

Thank you,

Jen Woronets ☺

Anchor QEA, LLC

[jworonets@anchorqea.com](mailto:jworonets@anchorqea.com)

421 SW Sixth Avenue, Suite 750

Portland, OR 97204

503-972-5014

Please consider the environment before printing this email.

The information is intended to be for the use of the individual or entity named above. If you are not the intended recipient, please be aware that any disclosure, copying, distribution or use of the contents of this information is prohibited. If you have received this electronic transmission in error, please notify us by electronic mail at [jworonets@anchorqea.com](mailto:jworonets@anchorqea.com)



**To:** R10-ORA[R10-ORA@epa.gov]  
**Cc:** Sheldrake, Beth[sheldrake.beth@epa.gov]; Terada, Calvin[Terada.Calvin@epa.gov]; Grandinetti, Cami[Grandinetti.Cami@epa.gov]; Field, Chris[Field.Chris@epa.gov]; Faulk, Dennis[Faulk.Dennis@epa.gov]; Brave, Jennifer[brave.jennifer@epa.gov]; Leckrone-Lee, Judith[Leckrone-Lee.Judith@epa.gov]; Albright, Rick[Albright.Rick@epa.gov]; Blocker, Shawn[Blocker.Shawn@epa.gov]; Moon, Wally[Moon.Wally@epa.gov]; Barber, Anthony[Barber.Anthony@epa.gov]; Ingemansen, Dean[Ingemansen.Dean@epa.gov]; Stern, Allyn[Stern.Alyn@epa.gov]; Castanon, Lisa[Castanon.Lisa@epa.gov]; Soderlund, Dianne[Soderlund.Dianne@epa.gov]; Kelly, Joyce[Kelly.Joyce@epa.gov]; Wertz, James[Wertz.James@epa.gov]; Fleming, Sheila[fleming.sheila@epa.gov]; Philip, Jeff[Philip.Jeff@epa.gov]; Hastings, Janis[Hastings.Janis@epa.gov]; Hill, Barbara[Hill.Barbara@epa.gov]; Kunz, Beth[kunz.beth@epa.gov]; Hales, Bob[Hales.Bob@epa.gov]; Perkins, Brandon[Perkins.Brian@epa.gov]; Brian Ramey[Ramey.Brian@epamail.epa.gov]; Ouk, Chantha[Ouk.Chantha@epa.gov]; Becker, Dale[Becker.Dale@epa.gov]; Burgess, Deborah[Burgess.Deborah@epa.gov]; Deborah Johnston[Johnston.Deborah@epamail.epa.gov]; Ripley, Denise[Ripley.Denise@epa.gov]; Pendleton, Elizabeth[Pendleton.Elizabeth@epa.gov]; Akiyama, Gail[Akiyama.Gail@epa.gov]; Gary Sink[Sink.Gary@epamail.epa.gov]; Manulat-Englis, Irma[Manulat-Englis.Irma@epa.gov]; Kramer, Jackie[Kramer.Jackie@epa.gov]; Schneider, Jana[Schneider.Jana@epa.gov]; Janet Wien[Wien.Janet@epamail.epa.gov]; Jennings, Jannine[Jennings.Jannine@epa.gov]; Morales, Javier[Morales.Javier@epa.gov]; Johnson, Jennifer S.[Johnson.JenniferS@epa.gov]; Labaw, Joanne[labaw.joanne@epa.gov]; Moore, Joanne[Moore.Joanne@epa.gov]; Jonathan Maas[Maas.Jonathan@epamail.epa.gov]; Hardin, Karen[Hardin.Karen@epa.gov]; Marcy, Ken[Marcy.Ken@epa.gov]; Laura Caparroso[Caparroso.Laura@epamail.epa.gov]; Cohen, Lori[Cohen.Lori@epa.gov]; Kershner, Lynne[Kershner.Lynne@epa.gov]; Goolie, Mary[Goolie.Mary@epa.gov]; Lindeman, Monica[Lindeman.Monica@epa.gov]; Tonel, Monica[Tonel.Monica@epa.gov]; Jamison, Myrna[Jamison.Myrna@epa.gov]; Knowles, Nicholas[knowles.nicholas@epa.gov]; Andy Smith[Smith.Andy@epamail.epa.gov]; Heister, Dan[Heister.Dan@epa.gov]; Rees, David[Rees.David@epa.gov]; Diane Dettling[Dettling.Diane@epamail.epa.gov]; Liverman, Earl[Liverman.Earl@epa.gov]; Weigel, Greg[Weigel.Greg@epa.gov]; Fowlow, Jeffrey[Fowlow.Jeffrey@epa.gov]; Rodin, Jeffrey[Rodin.Jeffrey@epa.gov]; Clark, Josie[Clark.Josie@epa.gov]; Parker, Kathy[Parker.Kathy@epa.gov]; Carr, Matt[Carr.Matthew@epa.gov]; Boykin, Michael[Boykin.Michael@epa.gov]; Sibley, Michael[Sibley.Michael@epa.gov]; Franklin, Richard[Franklin.Richard@epa.gov]; Whittier, Robert[Whittier.Robert@epa.gov]; Zavala, Angie[zavala.angie@epa.gov]; Lambert, Aaron[lambert.aaron@epa.gov]; Hiltner, Allison[Hiltner.Allison@epa.gov]; McCauley, Anne[Mccauley.Anne@epa.gov]; Adams, Bill[Adams.Bill@epa.gov]; Fisher, Carla[Fisher.Carla@epa.gov]; Chip Humphrey[Humphrey.Chip@epamail.epa.gov]; Christy Brown[Brown.Christy@epamail.epa.gov]; Cora, Christopher[Cora.Christopher@epa.gov]; Guzzetti, Christopher[Guzzetti.Christopher@epa.gov]; Hong, Claire[Hong.Claire@epa.gov]; Cameron, Craig[Cameron.Craig@epa.gov]; Tomten, Dave[Tomten.Dave@epa.gov]; Einan, Dave[Einan.David@epa.gov]; Deb Yamamoto[Yamamoto.Deb@epamail.epa.gov]; Denise Baker[Baker.Denise@epamail.epa.gov]; Moreen, Ed[Moreen.Ed@epa.gov]; Hale, Elly[Hale.Elly@epa.gov]; Laija, Emerald[Laija.Emerald@epa.gov]; Fran Allans[Allans.Fran@epamail.epa.gov]; Craig, Harry[Craig.Harry@epa.gov]; Bottcher, Helen[Bottcher.Helen@epa.gov]; Arrigoni, Holly[Arrigoni.Holly@epa.gov]; Howard Orlean[Orlean.Howard@epamail.epa.gov]; Palumbo, Janice[Palumbo.Jan@epa.gov]; Wallace, Joe[Wallace.Joe@epa.gov]; Williams, Jonathan[Williams.Jonathan@epa.gov]; Keeley, Karen[Keeley.Karen@epa.gov]; Rochlin, Kevin[rochlin.kevin@epa.gov]; Prestbo, Kim[Prestbo.Kim@epa.gov]; Lynch, Kira[lynch.kira@epa.gov]; Koch, Kristine[Koch.Kristine@epa.gov]; Larry Gadbois[Gadbois.Larry@epamail.epa.gov]; Buelow, Laura[Buelow.Laura@epa.gov]; Castrilli, Laura[Castrilli.Laura@epa.gov]; Meyer, Linda[Meyer.Linda@epa.gov]; Lynda Priddy[Priddy.Lynda@epamail.epa.gov]; Ader, Mark[Ader.Mark@epa.gov]; Wilkening, Matt[Wilkening.Matt@epa.gov]; Nancy Harney[Harney.Nancy@epamail.epa.gov]; Peterson, Piper[Peterson.Piper@epa.gov]; Sanga, Ravi[Sanga.Ravi@epa.gov]; Chu Rebecca[Chu.Rebecca@epa.gov]; Richard Muza[Muza.Richard@epamail.epa.gov]; Hedeem, Roberta[Hedeem.Roberta@epa.gov]; Lobos, Rod[Lobos.Rod@epa.gov]; Halstead,

Sandra[Halstead.Sandra@epa.gov]; Sheldrake, Sean[sheldrake.sean@epa.gov]; Langton, Tamara[langton.tamara@epa.gov]; Chellis, Tracy[Chellis.Tracy@epa.gov]; Ryan, William (Region 10)[Ryan.William@epa.gov]; Solis, Ricardo[solis.ricardo@epa.gov]; Tan, Robert[Tan.Robert@epa.gov]; Smith, Sharon[smith.sharon@epa.gov]; Vilpas, Sirkku[Vilpas.Sirkku@epa.gov]; Haas, Susan[Haas.Susan@epa.gov]; Morales, Susan[Morales.Susan@epa.gov]; Powers, Suzanne[Powers.Suzanne@epa.gov]; Sylvia Kawabata[Kawabata.Sylvia@epamail.epa.gov]; Griffith, Terri[Griffith.Terri@epa.gov]; Adams, Wendy[Adams.Wendy@epa.gov]; Christopher, Anne[Christopher.Anne@epa.gov]; Robinson, Deborah[Robinson.Deborah@epa.gov]; Kelly, Kate[kelly.kate@epa.gov]; Murchie, Peter[Murchie.Peter@epa.gov]

**From:** Chris Field

**Sent:** Thur 11/19/2015 9:49:13 PM

**Subject:** ECL's Weekly for 11/19/2015

\*\*\* Internal Use Only \*\*\*

**Subject: Weekly Report for the week of 11/19/2015 for ECL**

**To:** R10-ORA@epa.gov

R10 ECI ECL Editors; Anthony Barber/R10/USEPA/US; Dean Ingemansen/R10/USEPA/US; Allyn Stern/R10/USEPA/US; Lisa

**CC:** Castanon/R10/USEPA/US; Dianne Soderlund/R10/USEPA/US; Joyce Kelly/R10/USEPA/US; James Wernitz/R10/USEPA/US; Sheila Fleming/R10/USEPA/US; Mike Cox/R10/USEPA/US; Lucy Edmondson/R10/USEPA/US; Jeff Philip/R10/USEPA/US; Janis Hastings/R10/USEPA/US; R10-ECL Mail Group; Kate Kelly/R10/USEPA/US; Peter Murchie/R10/USEPA/US@EPA

**OD & AD TRAVEL/SIGNIFICANT LEAVE:**

**HOT TOPICS**

**This Week:**

# Nonresponsive

Portland Harbor (Portland, OR): The Portland Harbor Team was in Portland all week for the National Remedy Review Board Meeting. On Tuesday, Region 10 provided a boat tour of the river to nearly 30 Board members and Regional staff/managers aboard the Region 10 vessel Monitor from River Mile 4 (International Slip) to River Mile 9 (Gunderson rail/barge facility) to give Board members a flavor of the size of the river and types of industry and debris that cleanup alternatives must work around. Special thanks to Brent Richmond from the Manchester Lab who helped make this happen despite the less than

ideal weather conditions. On Wednesday, Region 10, the State and all 6 tribes involved in the Portland Harbor cleanup gave presentations to the Board. On Thursday, the Team will be answering questions and the Board will formulate its input on the remedial alternatives.

**Nonresponsive**

# Nonresponsive

**To:** R10-ORA[R10-ORA@epa.gov]  
**Cc:** Sheldrake, Beth[sheldrake.beth@epa.gov]; Terada, Calvin[Terada.Calvin@epa.gov]; Grandinetti, Cami[Grandinetti.Cami@epa.gov]; Field, Chris[Field.Chris@epa.gov]; Faulk, Dennis[Faulk.Dennis@epa.gov]; Brave, Jennifer[brave.jennifer@epa.gov]; Leckrone-Lee, Judith[Leckrone-Lee.Judith@epa.gov]; Albright, Rick[Albright.Rick@epa.gov]; Blocker, Shawn[Blocker.Shawn@epa.gov]; Moon, Wally[Moon.Wally@epa.gov]; Barber, Anthony[Barber.Anthony@epa.gov]; Ingemansen, Dean[Ingemansen.Dean@epa.gov]; Stern, Allyn[Stern.Alyn@epa.gov]; Castanon, Lisa[Castanon.Lisa@epa.gov]; Soderlund, Dianne[Soderlund.Dianne@epa.gov]; Kelly, Joyce[Kelly.Joyce@epa.gov]; Wernitz, James[Wernitz.James@epa.gov]; Fleming, Sheila[fleming.sheila@epa.gov]; Philip, Jeff[Philip.Jeff@epa.gov]; Hastings, Janis[Hastings.Janis@epa.gov]; Hill, Barbara[Hill.Barbara@epa.gov]; Kunz, Beth[kunz.beth@epa.gov]; Hales, Bob[Hales.Bob@epa.gov]; Perkins, Brandon[Perkins.Brandon@epa.gov]; Brian Ramey[Ramey.Brian@epamail.epa.gov]; Ouk, Chantha[Ouk.Chantha@epa.gov]; Becker, Dale[Becker.Dale@epa.gov]; Burgess, Deborah[Burgess.Deborah@epa.gov]; Deborah Johnston[Johnston.Deborah@epamail.epa.gov]; Ripley, Denise[Ripley.Denise@epa.gov]; Pendleton, Elizabeth[Pendleton.Elizabeth@epa.gov]; Akiyama, Gail[Akiyama.Gail@epa.gov]; Gary Sink[Sink.Gary@epamail.epa.gov]; Manulat-Englis, Irma[Manulat-Englis.Irma@epa.gov]; Kramer, Jackie[Kramer.Jackie@epa.gov]; Schneider, Jana[Schneider.Jana@epa.gov]; Janet Wien[Wien.Janet@epamail.epa.gov]; Jennings, Jannine[Jennings.Jannine@epa.gov]; Morales, Javier[Morales.Javier@epa.gov]; Johnson, Jennifer S.[Johnson.JenniferS@epa.gov]; Labaw, Joanne[labaw.joanne@epa.gov]; Moore, Joanne[Moore.Joanne@epa.gov]; Jonathan Maas[Maas.Jonathan@epamail.epa.gov]; Hardin, Karen[Hardin.Karen@epa.gov]; Marcy, Ken[Marcy.Ken@epa.gov]; Laura Caparroso[Caparroso.Laura@epamail.epa.gov]; Cohen, Lori[Cohen.Lori@epa.gov]; Kershner, Lynne[Kershner.Lynne@epa.gov]; Goolie, Mary[Goolie.Mary@epa.gov]; Lindeman, Monica[Lindeman.Monica@epa.gov]; Tonel, Monica[Tonel.Monica@epa.gov]; Jamison, Myrna[Jamison.Myrna@epa.gov]; Knowles, Nicholas[knowles.nicholas@epa.gov]; Andy Smith[Smith.Andy@epamail.epa.gov]; Heister, Dan[Heister.Dan@epa.gov]; Rees, David[Rees.David@epa.gov]; Diane Dettling[Dettling.Diane@epamail.epa.gov]; Liverman, Earl[Liverman.Earl@epa.gov]; Weigel, Greg[Weigel.Greg@epa.gov]; Fowlow, Jeffrey[Fowlow.Jeffrey@epa.gov]; Rodin, Jeffry[Rodin.Jeffry@epa.gov]; Clark, Josie[Clark.Josie@epa.gov]; Parker, Kathy[Parker.Kathy@epa.gov]; Carr, Matt[Carr.Matthew@epa.gov]; Boykin, Michael[Boykin.Michael@epa.gov]; Sibley, Michael[Sibley.Michael@epa.gov]; Franklin, Richard[Franklin.Richard@epa.gov]; Whittier, Robert[Whittier.Robert@epa.gov]; Zavala, Angie[zavala.angie@epa.gov]; Lambert, Aaron[lambert.aaron@epa.gov]; Hiltner, Allison[Hiltner.Allison@epa.gov]; McCauley, Anne[Mccauley.Anne@epa.gov]; Adams, Bill[Adams.Bill@epa.gov]; Fisher, Carla[Fisher.Carla@epa.gov]; Chip Humphrey[Humphrey.Chip@epamail.epa.gov]; Christy Brown[Brown.Christy@epamail.epa.gov]; Cora, Christopher[Cora.Christopher@epa.gov]; Guzzetti, Christopher[Guzzetti.Christopher@epa.gov]; Hong, Claire[Hong.Claire@epa.gov]; Cameron, Craig[Cameron.Craig@epa.gov]; Tomten, Dave[Tomten.Dave@epa.gov]; Einan, Dave[Einan.David@epa.gov]; Deb Yamamoto[Yamamoto.Deb@epamail.epa.gov]; Denise Baker[Baker.Denise@epamail.epa.gov]; Moreen, Ed[Moreen.Ed@epa.gov]; Hale, Elly[Hale.Elly@epa.gov]; Laija, Emerald[Laija.Emerald@epa.gov]; Fran Allans[Allans.Fran@epamail.epa.gov]; Craig, Harry[Craig.Harry@epa.gov]; Bottcher, Helen[Bottcher.Helen@epa.gov]; Arrigoni, Holly[Arrigoni.Holly@epa.gov]; Howard Orlean[Orlean.Howard@epamail.epa.gov]; Palumbo, Janice[Palumbo.Jan@epa.gov]; Wallace, Joe[Wallace.Joe@epa.gov]; Williams, Jonathan[Williams.Jonathan@epa.gov]; Keeley, Karen[Keeley.Karen@epa.gov]; Rochlin, Kevin[rochlin.kevin@epa.gov]; Prestbo, Kim[Prestbo.Kim@epa.gov]; Lynch, Kira[lynch.kira@epa.gov]; Koch, Kristine[Koch.Kristine@epa.gov]; Larry Gadbois[Gadbois.Larry@epamail.epa.gov]; Buelow, Laura[Buelow.Laura@epa.gov]; Castrilli, Laura[Castrilli.Laura@epa.gov]; Meyer, Linda[Meyer.Linda@epa.gov]; Lynda Priddy[Priddy.Lynda@epamail.epa.gov]; Ader, Mark[Ader.Mark@epa.gov]; Wilkening, Matt[Wilkening.Matt@epa.gov]; Nancy Harney[Harney.Nancy@epamail.epa.gov]; Peterson, Piper[Peterson.Piper@epa.gov]; Sanga, Ravi[Sanga.Ravi@epa.gov]; Chu Rebecca[Chu.Rebecca@epa.gov]; Richard Muza[Muza.Richard@epamail.epa.gov]; Hedeem, Roberta[Hedeem.Roberta@epa.gov]; Lobos, Rod[Lobos.Rod@epa.gov]; Halstead,

Sandra[Halstead.Sandra@epa.gov]; Sheldrake, Sean[sheldrake.sean@epa.gov]; Langton, Tamara[langton.tamara@epa.gov]; Chellis, Tracy[Chellis.Tracy@epa.gov]; Ryan, William (Region 10)[Ryan.William@epa.gov]; Solis, Ricardo[solis.ricardo@epa.gov]; Tan, Robert[Tan.Robert@epa.gov]; Smith, Sharon[smith.sharon@epa.gov]; Vilpas, Sirkku[Vilpas.Sirkku@epa.gov]; Haas, Susan[Haas.Susan@epa.gov]; Morales, Susan[Morales.Susan@epa.gov]; Powers, Suzanne[Powers.Suzanne@epa.gov]; Sylvia Kawabata[Kawabata.Sylvia@epamail.epa.gov]; Griffith, Terri[Griffith.Terri@epa.gov]; Adams, Wendy[Adams.Wendy@epa.gov]; Christopher, Anne[Christopher.Anne@epa.gov]; Robinson, Deborah[Robinson.Deborah@epa.gov]; Kelly, Kate[kelly.kate@epa.gov]; Murchie, Peter[Murchie.Peter@epa.gov]

**From:** Chris Field

**Sent:** Thur 11/12/2015 9:28:53 PM

**Subject:** ECL's Weekly for 11/12/2015

\*\*\* Internal Use Only \*\*\*

**Subject: Weekly Report for the week of 11/12/2015 for ECL**

**To:** R10-ORA@epa.gov

R10 ECI ECL Editors; Anthony Barber/R10/USEPA/US; Dean Ingemansen/R10/USEPA/US; Allyn Stern/R10/USEPA/US; Lisa

**CC:** Castanon/R10/USEPA/US; Dianne Soderlund/R10/USEPA/US; Joyce Kelly/R10/USEPA/US; James Werntz/R10/USEPA/US; Sheila Fleming/R10/USEPA/US; Mike Cox/R10/USEPA/US; Lucy Edmondson/R10/USEPA/US; Jeff Philip/R10/USEPA/US; Janis Hastings/R10/USEPA/US; R10-ECL Mail Group; Kate Kelly/R10/USEPA/US; Peter Murchie/R10/USEPA/US@EPA

**OD & AD TRAVEL/SIGNIFICANT LEAVE:**

**HOT TOPICS**

**This Week:** Portland Harbor (Portland, OR): Dennis McLerran will meet with the LWG Executives, the CAG and the MOU partners at three separate meetings on Friday, November 13. The highlight of the meetings will be discussions about next week's National Remedy Review Board/Contaminated Sediments Technical Advisory Group meetings on the site.

**Nonresponsive**

# Nonresponsive

# Nonresponsive



Dick/Dennis Monthly Call  
4/17/15

Attached are the topics to be covered in the call tomorrow. I am not sure how Portland and Seattle are communicating, but the call in number is [Personal Privacy / Ex. 6] code [Personal Privacy / Ex. 6] Dennis and Dick, I would like to talk to you briefly at the end of this call about the upcoming Directors' meeting.

Talk to you all tomorrow. Thanks!

- Status of completing the FS and plans for State engagement in the development of the draft conceptual plan, including a substantive Dick/Dennis briefing prior to its public release. (Cami)
- Common understanding of the DEQ's role in the comments on the draft conceptual plan and presentation to the NRRB. (Kevin, with Cami's support)
- Adjustments to the production and review efforts to help ensure that the draft conceptual plan, the draft plan and draft ROD are on schedule. (Cami)
- Any new Congressional inquires and/or information exchange based previous inquires (especially around fish consumption rates and state concurrence) to build greater understanding of what EPA/DEQ are getting done. (Kevin/Lori)
- Progress (or not) on Willamette Cove and River Mile 11E (Keith)
- Agenda topics and prep for the Senior Executive Meeting on April 21 (Lori)
- Status on hiring and retirements (hint hint re you know who)
- Next call/meeting-June 3, 10am

**Bill Ross** | Principal  
Ross Strategic | 1218 3rd Ave, Suite 1207, Seattle WA 98101  
Desk: 206.792.4040 | Cell: 206.669.8376  
[bross@rossstrategic.com](mailto:bross@rossstrategic.com) | <http://rossstrategic.com>

**From:** Sheldrake, Sean  
**Required Attendees:** Blocker, Shawn; Cohen, Lori; Koch, Kristine; Humphrey, Chip; Lance Peterson (PetersonLE@cdmsmith.com)  
**Location:** Personal Privacy / Ex. 6 **Passcode:** Personal Privacy / Ex. 6 R10Sea-Room-12C-Expand/R10-Rooms-Service-Center  
**Importance:** Normal  
**Subject:** Arkema dispute pre-brief  
**Start Date/Time:** Wed 1/29/2014 11:00:00 PM  
**End Date/Time:** Thur 1/30/2014 12:30:00 AM  
[LSS Dispute Letter 2014-01-24.pdf](#)

Sean and Lori-

On behalf of LSS, agent for Arkema, please find attached a letter that invokes the dispute resolution process related to directed issues/comments presented in EPA's January 10, 2014 letter regarding the Draft EE/CA report. The exhibits to this letter are too large to email. They can be downloaded by clicking on the following link:

**Personal Privacy / Ex. 6**

LSS was encouraged by the cooperative and meaningful discussions last fall that ultimately led to resolving many of EPA's comments on the Draft EE/CA report. LSS looks forward to continuing to work with EPA in the formal negotiation period to explore reasonable options to resolve our differences.

David

**To:** Sheldrake, Sean[sheldrake.sean@epa.gov]  
**Cc:** 'Alex Liverman'[liverman.alex@deq.state.or.us]; 'allenmc@cdm.com'[allenmc@cdm.com]; 'audiehuber@ctuir.com'[audiehuber@ctuir.com]; 'bayuk.dana@deq.state.or.us'[bayuk.dana@deq.state.or.us]; schwarz.bob@deq.state.or.us[schwarz.bob@deq.state.or.us]; 'bob@ridolfi.com'[bob@ridolfi.com]; callie@ridolfi.com[callie@ridolfi.com]; Conley, Alanna[conley.alanna@epa.gov]; Cora, Lori[Cora.Lori@epa.gov]; 'cunninghame@gorge.net'[cunninghame@gorge.net]; 'Dan Hafley'[HAFLEY.Dan@deq.state.or.us]; 'erin.madden@gmail.com'[erin.madden@gmail.com]; Fuentes, Rene[fuentes.rene@epa.gov]; 'Gail Fricano'[gfricano@indecon.com]; 'Genevieve Angle'[Genevieve.Angle@noaa.gov]; Gustavson, Karl[Gustavson.Karl@epa.gov]; 'Holly Partridge'[Holly.Partridge@grandronde.org]; 'jd@williamsjohnsonlaw.com'[jd@williamsjohnsonlaw.com]; 'Jen Kassakian'[jkassakian@indecon.com]; Jeremy\_Buck@fws.gov[Jeremy\_Buck@fws.gov]; 'johnson.keith@deq.state.or.us'[johnson.keith@deq.state.or.us]; 'jweis@hk-law.com'[jweis@hk-law.com]; 'KingTW@cdmsmith.com'[KingTW@cdmsmith.com]; 'Kristin Callahan'[kristin@ridolfi.com]; Koch, Kristine[Koch.Kristine@epa.gov]; 'Lance Peterson'[PetersonLE@cdmsmith.com]; 'matt@williamsjohnsonlaw.com'[matt@williamsjohnsonlaw.com]; 'mcclincy.matt@deq.state.or.us'[mcclincy.matt@deq.state.or.us]; tosm@yakamafish-nsn.gov[tosm@yakamafish-nsn.gov]; Michael.karnosh@grandronde.org[Michael.karnosh@grandronde.org]; 'Muza, Richard'[Muza.Richard@epa.gov]; nancy.munn@noaa.gov[nancy.munn@noaa.gov]; peterson.Jennifer@deq.state.or.us[peterson.Jennifer@deq.state.or.us]; 'Rachel DelVecchio'[rdelvecchio@indecon.com]; Robert.Neely@noaa.gov[Robert.Neely@noaa.gov]; rose@yakamafish-nsn.gov[rose@yakamafish-nsn.gov]; 'Susan Penoyar'[PenoyarSJ@cdmsmith.com]; 'ted\_buerger@fws.gov'[ted\_buerger@fws.gov]; tomd@ctsi.nsn.us[tomd@ctsi.nsn.us]; 'Tom Gainer'[gainer.tom@deq.state.or.us]; 'Todd SLATER (todd.slater@total.com)[todd.slater@total.com]; 'Doug LOUTZENHISER'[doug.loutzenhiser@total.com]; 'Karen Traeger'[karen.traeger@total.com]; 'Karen TRAEGER (karen.traeger@external.total.com)[karen.traeger@external.total.com]; 'Fred Wolf  

Personal Privacy / Ex. 6

 'Fred WOLF'[frederick.wolf@total.com]; 'Steve Parkinson (SParkinson@jzplaw.com)[SParkinson@jzplaw.com]; Bridgette DeShields[bdeshields@integral-corp.com]; David Livermore[dLivermore@integral-corp.com]; 'Erik Ipsen'[Erik.Ipsen@erm.com]; 'Brendan Robinson'[Brendan.Robinson@erm.com]  
**From:** Eron Dodak  
**Sent:** Tue 3/1/2016 1:44:28 AM  
**Subject:** Arkema Pre-Remedial Design Investigation Work Plan - Final Draft  
[Arkema Pre-Remedial Design WP Text Figures Tables 2016-02-29.pdf](#)

Hi Sean,

On behalf of LSS, agent for Arkema Inc., please find attached an electronic copy of the final draft pre-remedial design investigation work plan text, tables, and figures for the Arkema, Portland site. This work plan is being submitted in accordance with the Administrative Order on Consent and subsequent EPA-LSS agreements.

The ShareFile link below contains the appendices that can be downloaded to your computer. Please note that this work plan is tagged to the extent feasible. Materials received from other sources in the appendices may not be fully tagged.

Please let Todd Slater or me know if you have any questions about this submittal. Thanks!

**Personal Privacy / Ex. 6**

Eron

**Eron J. Dodak, R.G., L.H.G. | Senior Managing Scientist**

Integral Consulting Inc. | [www.integral-corp.com](http://www.integral-corp.com)

319 SW Washington Street, Suite 1150 | Portland, OR 97204

Tel: 503.284.5545, ext. 614 | Direct: 503.943.3614 | Cell: 503.407.2933 | Fax: 503.284.5755

HEALTH ENVIRONMENT TECHNOLOGY SUSTAINABILITY

**IMPORTANT NOTICE:** This email communication is confidential and may contain legally privileged information intended only for the addressee. Do not read, copy, or disseminate this email message unless you are the intended recipient. If you have received this message in error, please delete all copies and notify the sender immediately at [edodak@integral-corp.com](mailto:edodak@integral-corp.com). Thank you.

**To:** Cora, Lori[Cora.Lori@epa.gov]  
**Cc:** Koch, Kristine[Koch.Kristine@epa.gov]; Grandinetti, Cami[Grandinetti.Cami@epa.gov]  
**From:** White, Bruce  
**Sent:** Sat 2/6/2016 7:36:04 PM  
**Subject:** RE: Portland Harbor Superfund Site

Thanks – I will relate to the members of the PCI Group.

Regards,

Bruce White

312-214-4584 (DD)

Personal Privacy / Ex. 6

**From:** Cora, Lori [mailto:Cora.Lori@epa.gov]  
**Sent:** Saturday, February 06, 2016 11:50 AM  
**To:** White, Bruce  
**Cc:** Koch, Kristine; Grandinetti, Cami  
**Subject:** RE: Portland Harbor Superfund Site

Hello, Bruce. Sorry for the delay in responding. I've been informed that EPA will provide a breakdown of costs by SDU on the proposed remedy in the Proposed Plan that is published and submitted for public comment. The FS is now being finalized in substantial part based on the comments we received from various stakeholders, including the LWG and NRRB, on our August 2015 draft FS. The proposed remedy in our Proposed Plan too many be somewhat different from what was presented to the NRRB. Let me know if you have questions. Thanks.

---

Lori Houck Cora | Assistant Regional Counsel  
U.S. Environmental Protection Agency | Region 10  
P: (206) 553.1115 | F: (206) 553.1762 | [cora.lori@epa.gov](mailto:cora.lori@epa.gov)

Follow @EPAnorthwest on Twitter! <https://twitter.com/EPAnorthwest>

**From:** White, Bruce [mailto:Bruce.White@btlaw.com]  
**Sent:** Thursday, January 28, 2016 10:01 AM

**To:** Cora, Lori <Cora.Lori@epa.gov>

**Cc:** Koch, Kristine <Koch.Kristine@epa.gov>; Grandinetti, Cami <Grandinetti.Cami@epa.gov>

**Subject:** Re: Portland Harbor Superfund Site

Lori

Now that EPA has issued a preferred option to the NRRB, and the NRRB has completed its review and Region 10 has responded to the NRRB comments, we are renewing our request on behalf of the PCI Group that EPA provide its costs for the preferred option broken down by SDU.

Given the effort devoted to development of that option, we anticipate that those figures should be readily available to the Agency.

Thanks in advance for a prompt response.

Regards,

Bruce White

312.214.4584 (W)

Personal Privacy / Ex. 6

On Oct 16, 2015, at 12:50 PM, Cora, Lori <Cora.Lori@epa.gov> wrote:

Hello, Bruce. I think you or others may have misunderstood what EPA said at the meeting on this issue. I heard one or more PCI members ask for the costs be developed by SDU, and I heard Kristine very specifically say that we had no reason to do that. Nonetheless, EPA wants to help facilitate the allocation within reason. Currently, EPA's revised draft FS is being reviewed by the LWG, Tribes, and CAG/TAG. The FS on which we base our proposed plan and seek public comment will be different than the current draft FS. EPA does not see the value in developing something for the PCI group on costs based on the draft FS at this time. Once EPA has proposed a remedial alternative, and the PCI sees the revised FS its based on, we can discuss with the PCI group what if anything more might be helpful to the group to facilitate the allocation process.

---

Lori Houck Cora | Assistant Regional Counsel  
U.S. Environmental Protection Agency | Region 10  
P: (206) 553.1115 | F: (206) 553.1762 | [cora.lori@epa.gov](mailto:cora.lori@epa.gov)

Follow @EPAnorthwest on Twitter! <https://twitter.com/EPAnorthwest>

**From:** White, Bruce [<mailto:Bruce.White@btlaw.com>]  
**Sent:** Friday, October 16, 2015 9:24 AM  
**To:** Koch, Kristine; Cora, Lori  
**Subject:** RE: Portland Harbor Superfund Site

Kristine

Thanks - appears I was not as clear as I should have been.

The group members already had access to this Appendix.

AT the 9/29 meeting EPA related that its representative would be willing to work with the Allocation Team/PCI Group to facilitate sharing or development of costs as broken down by Sediment Decision Unit (previously known as AOPCs or SMAs). As related at the meeting this information that is particularly important for development of the allocation.

This is the information we are following up for and would appreciate your advising of the best path to obtain/develop it.

Regards,

Bruce White

312-214-4584 (DD)

Personal Privacy / Ex. 6

**From:** Koch, Kristine [<mailto:Koch.Kristine@epa.gov>]

**Sent:** Friday, October 16, 2015 10:04 AM

**To:** White, Bruce; Cora, Lori

**Subject:** RE: Portland Harbor Superfund Site

Bruce – Attached is the detailed costs. If there are specific questions, please let me know.

Kristine Koch  
Remedial Project Manager  
USEPA, Office of Environmental Cleanup

U. S. Environmental Protection Agency  
Region 10  
1200 Sixth Avenue, Suite 900, M/S ECL-122  
Seattle, Washington 98101-3140

(206)553-6705  
(206)553-8581 (fax)  
1-800-424-4372 extension 6705 (M-F, 8-4 Pacific Time, only)

**From:** White, Bruce [<mailto:Bruce.White@btlaw.com>]

**Sent:** Thursday, October 15, 2015 1:53 PM

**To:** Koch, Kristine; Cora, Lori

**Subject:** Portland Harbor Superfund Site

Kristine/Lori

During the EPA presentation to the PCI Group, EPA indicated that it was willing to provide us more detail on the manner in which the costs were calculated for the various FS options.



What would be the best way to go about obtaining that information expeditiously?

Thanks,

Bruce White

Barnes & Thornburg LLP  
One North Wacker Drive  
Suite 4400  
Chicago, IL 60606-2833  
312.214.4584 (DD)

Personal Privacy / Ex. 6

CONFIDENTIALITY NOTICE: This email and any attachments are for the exclusive and confidential use of the intended recipient. If you are not the intended recipient, please do not read, distribute or take action in reliance upon this message. If you have received this in error, please notify us immediately by return email and promptly delete this message and its attachments from your computer system. We do not waive attorney-client or work product privilege by the transmission of this message.

CONFIDENTIALITY NOTICE: This email and any attachments are for the exclusive and confidential use of the intended recipient. If you are not the intended recipient, please do not read, distribute or take action in reliance upon this message. If you have received this in error, please notify us immediately by return email and promptly delete this message and its attachments from your computer system. We do not waive attorney-client or work product privilege by the transmission of this message.

CONFIDENTIALITY NOTICE: This email and any attachments are for the exclusive and confidential use of the intended recipient. If you are not the intended recipient, please do not read, distribute or take action in reliance upon this message. If you have received this in error, please notify us immediately by return email and promptly delete this message and its attachments from your computer system. We do not waive attorney-client or work product privilege by the transmission of this message.

CONFIDENTIALITY NOTICE: This email and any attachments are for the exclusive and confidential use of the intended recipient. If you are not the intended recipient, please do not read, distribute or take action in reliance upon this message. If you have received this in error, please notify us immediately by return email and promptly delete this message and its attachments from your computer system. We do not waive attorney-client or work product privilege by the transmission of this message.

**To:** Koch, Kristine[Koch.Kristine@epa.gov]  
**Cc:** Cora, Lori[Cora.Lori@epa.gov]; Patty Dost[pdost@pearllegalgroup.com]; Sarah Riddle[sriddle@pearllegalgroup.com]; Rachel DelVecchio (rdelvecchio@indecon.com)[rdelvecchio@indecon.com]; Bob Wyatt[rjw@nwnatural.com]; callie@ridolfi.com[callie@ridolfi.com]; Meiburg, Stan[Meiburg.Stan@epa.gov]; Courtney Johnson (courtney@crag.org)[courtney@crag.org]; Madalinski, Kelly[Kelly.Madalinski@portofportland.com]; brandy.humphreys@grandronde.org[brandy.humphreys@grandronde.org]; audiehuber@ctuir.com[audiehuber@ctuir.com]; Dave Livesay[dlivesay@gsiws.com]; Holly Partridge (Holly.Partridge@grandronde.org)[Holly.Partridge@grandronde.org]; Gabriel Moses  
Personal Privacy / Ex. 6 } Gail Fricano (gfricano@indecon.com)[gfricano@indecon.com]; Rita Cabral[RCabral@indecon.com]; Kim D'Aquila (kim.daquila@grandronde.org)[kim.daquila@grandronde.org]; Julie Weis[jweis@hk-law.com]; Jennifer Kassakian (jkassakian@indecon.com)[jkassakian@indecon.com]; Stanislaus, Mathy[Stanislaus.Mathy@epa.gov]; MCCLINCY Matt[MCCLINCY.Matt@deq.state.or.us]; Laura Klasner Shira (shil@yakamafish-nsn.gov)[shil@yakamafish-nsn.gov]; Robert.Neely@noaa.gov[Robert.Neely@noaa.gov]; Elmer Ward (elmer.ward@ctwsbnr.org)[elmer.ward@ctwsbnr.org]; Kim Cox (kim.cox@portlandoregon.gov)[kim.cox@portlandoregon.gov]; Woolford, James[Woolford.James@epa.gov]; Jen Mott[jmott@anchorqea.com]; Sheldrake, Sean[sheldrake.sean@epa.gov]; Sarah Greenfield (greenfield.sarah@deq.state.or.us)[greenfield.sarah@deq.state.or.us]; tomd@ctsi.nsn.us[tomd@ctsi.nsn.us]; rose@yakamafish-nsn.gov[rose@yakamafish-nsn.gov]; Michael.karnosh@grandronde.org[Michael.karnosh@grandronde.org]  
**From:** Jen Mott  
**Sent:** Fri 2/5/2016 10:15:30 PM  
**Subject:** RE: Lower Willamette Group Request for Dispute Resolution  
2016-02-05 LWG Withdraw January 19 Request For Dispute Resolution on EPA January 4 FS Decision.pdf

Kristine,

Please see attached. The LWG withdraws its January 19, 2016 request for dispute resolution.

Thank you,

Jen Mott ☺

Anchor QEA, LLC

[jworonets@anchorqea.com](mailto:jworonets@anchorqea.com)

421 SW Sixth Avenue, Suite 750

Portland, OR 97204

503-972-5014

Please consider the environment before printing this email.

The information is intended to be for the use of the individual or entity named above. If you are not the intended recipient, please be aware that any disclosure, copying, distribution or use of the contents of this information is prohibited. If you have received this electronic transmission in error, please notify us by electronic mail at [jworonets@anchorqea.com](mailto:jworonets@anchorqea.com)

**From:** Jen Mott

**Sent:** Tuesday, January 19, 2016 3:48 PM

**To:** (Brandy.Humphreys@grandronde.org) <Brandy.Humphreys@grandronde.org>; audiehuber@ctuir.com; Bob Wyatt <rjw@nwnatural.com>; Callie Ridolfi <callie@ridolfi.com>; Courtney Johnson (courtney@crag.org) <courtney@crag.org>; Dave Livesay <dlivesay@gsiws.com>; Elmer Ward (elmer.ward@ctwsbnr.org) <elmer.ward@ctwsbnr.org>; Gabriel Moses ( [REDACTED] ) < [REDACTED] > **Personal Privacy / Ex. 6** Gail Fricano (gfricano@indecon.com) <gfricano@indecon.com>; Holly Partridge (Holly.Partridge@grandronde.org) <Holly.Partridge@grandronde.org>; Jennifer Kassakian (jkassakian@indecon.com) <jkassakian@indecon.com>; Jen Mott <jmott@anchorqea.com>; Julie Weis <jweis@hk-law.com>; Kim Cox (kim.cox@portlandoregon.gov) <kim.cox@portlandoregon.gov>; Kim D'Aquila (kim.daquila@grandronde.org) <kim.daquila@grandronde.org>; Koch.Kristine@epamail.epa.gov; Laura Klasner Shira (shil@yakamafish-nsn.gov) <shil@yakamafish-nsn.gov>; Madalinski, Kelly <Kelly.Madalinski@portofportland.com>; MCCLINCY Matt <MCCLINCY.Matt@deq.state.or.us>; Michael Karnosh (Michael.Karnosh@grandronde.org) <Michael.Karnosh@grandronde.org>; Rachel DelVecchio (rdelvecchio@indecon.com) <rdelvecchio@indecon.com>; Rita Cabral <RCabral@indecon.com>; Robert Neely <Robert.Neely@noaa.gov>; Rose Longoria (rose@yakamafish-nsn.gov) <rose@yakamafish-nsn.gov>; Sean Sheldrake <sheldrake.sean@epa.gov>; Tom Downey (tomd@ctsi.nsn.us) <tomd@ctsi.nsn.us>  
**Cc:** Cora, Lori <Cora.Lori@epa.gov>; Patty Dost <pdost@pearllegalgroup.com>; Sarah Riddle <sriddle@pearllegalgroup.com>; Jen Mott <jmott@anchorqea.com>; Stan Meiburg (meiburg.stan@epa.gov) <meiburg.stan@epa.gov>; Mathy Stanislaus (Stanislaus.mathy@Epa.gov) <Stanislaus.mathy@Epa.gov>; Jim Woolford (woolford.james@epa.gov) <woolford.james@epa.gov>  
**Subject:** FW: Lower Willamette Group Request for Dispute Resolution

Portland Harbor Managers,

Please see below and attached.

Thank you,

Jen Mott ☺

(formerly Jen Woronets)

Anchor QEA, LLC

[jworonets@anchoragea.com](mailto:jworonets@anchoragea.com)

421 SW Sixth Avenue, Suite 750

Portland, OR 97204

503-972-5014

Please consider the environment before printing this email.

The information is intended to be for the use of the individual or entity named above. If you are not the intended recipient, please be aware that any disclosure, copying, distribution or use of the contents of this information is prohibited. If you have received this electronic transmission in error, please notify us by electronic mail at [jworonets@anchoragea.com](mailto:jworonets@anchoragea.com)

**From:** Patty Dost [<mailto:pdost@pearllegalgroup.com>]

**Sent:** Tuesday, January 19, 2016 3:40 PM

**To:** Kristine Koch ([koch.kristine@epa.gov](mailto:koch.kristine@epa.gov)) <[koch.kristine@epa.gov](mailto:koch.kristine@epa.gov)>; Lori Houck Cora ([cora.lori@epa.gov](mailto:cora.lori@epa.gov)) <[cora.lori@epa.gov](mailto:cora.lori@epa.gov)>

**Cc:** Bob Wyatt <[rjw@nwnatural.com](mailto:rjw@nwnatural.com)>; Hamilton, Jessica <[Jessica.Hamilton@portofportland.com](mailto:Jessica.Hamilton@portofportland.com)>; Jen Mott <[jmott@anchoragea.com](mailto:jmott@anchoragea.com)>

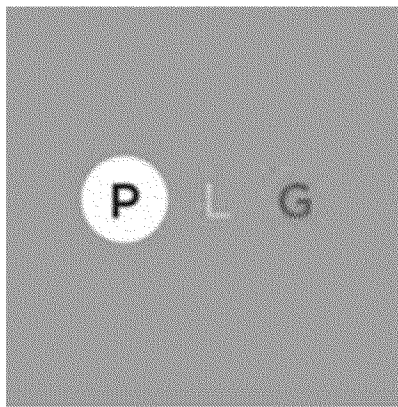
**Subject:** Lower Willamette Group Request for Dispute Resolution

Dear Kristine and Lori,

Pursuant to Section XVIII of the September 28, 2001 Administrative Settlement Agreement and Order on Consent for Remedial Investigation/Feasibility Study, U.S. EPA Docket Number CERCLA-10-2001-0240, the Lower Willamette Group is initiating dispute resolution proceedings on the matters raised by EPA's January 4, 2016 letter to the LWG. Consistent with our January 6, 2016 agreement, we are providing our request for dispute resolution by email. Because of file size, the exhibits to the letter will be hand-delivered to you on CD this afternoon. The request for dispute resolution (including attachments) will also be posted to the shared server at the following location:

As we discussed this morning, our request triggers a 14 day informal dispute resolution period. Please let us know when EPA is available to discuss this matter further.

Patty



**PATRICIA DOST**

ENVIRONMENTAL ATTORNEY

**PEARL LEGAL GROUP PC**

T 503.467.4675

M 971.570.8353

529 SW THIRD AVENUE, SUITE 600

PORTLAND OREGON 97204

[PDOST@PEARLLEGALGROUP.COM](mailto:PDOST@PEARLLEGALGROUP.COM)

*NOTICE: This communication (including any attachments) may contain privileged or confidential information intended for a specific individual and purpose, and is protected by law. If you are not the*

*intended recipient, you should delete this communication and/or shred the materials and any attachments and are hereby notified that any disclosure, copying or distribution of this communication, or the taking of any action based on it, is strictly prohibited. Thank you.*

**To:** Hall, William[Hall.William@epa.gov]  
**Cc:** Cora, Lori[Cora.Lori@epa.gov]; Koch, Kristine[Koch.Kristine@epa.gov]; Sheldrake, Sean[sheldrake.sean@epa.gov]; Tod Gold (tgold@jzplaw.com)[tgold@jzplaw.com]; brandy.humphreys@grandronde.org[brandy.humphreys@grandronde.org]; audiehuber@ctuir.com[audiehuber@ctuir.com]; Bob Wyatt[rjw@nwnatural.com]; callie@ridolfi.com[callie@ridolfi.com]; Courtney Johnson (courtney@crag.org)[courtney@crag.org]; Dave Livesay[dilivesay@gsiws.com]; Elmer Ward (elmer.ward@ctwsbnr.org)[elmer.ward@ctwsbnr.org]; Gabriel Moses [Personal Privacy / Ex. 6] Gail Fricano (gfricano@indecon.com)[gfricano@indecon.com]; Holly Partridge (Holly.Partridge@grandronde.org)[Holly.Partridge@grandronde.org]; Jennifer Kassakian (jkassakian@indecon.com)[jkassakian@indecon.com]; Julie Weis[jweis@hk-law.com]; Kim Cox (kim.cox@portlandoregon.gov)[kim.cox@portlandoregon.gov]; Kim D'Aquila (kim.daquila@grandronde.org)[kim.daquila@grandronde.org]; Koch, Kristine[Koch.Kristine@epa.gov]; Laura Klasner Shira (shil@yakamafish-nsn.gov)[shil@yakamafish-nsn.gov]; Madalinski, Kelly[Kelly.Madalinski@portofportland.com]; MCCLINCY Matt[MCCLINCY.Matt@deq.state.or.us]; Michael.karnosh@grandronde.org[Michael.karnosh@grandronde.org]; Rachel DelVecchio (rdelvecchio@indecon.com)[rdelvecchio@indecon.com]; Rita Cabral[RCabral@indecon.com]; Robert.Neely@noaa.gov[Robert.Neely@noaa.gov]; rose@yakamafish-nsn.gov[rose@yakamafish-nsn.gov]; Sheldrake, Sean[sheldrake.sean@epa.gov]; tomd@ctsi.nsn.us[tomd@ctsi.nsn.us]; Grandinetti, Cami[Grandinetti.Cami@epa.gov]; Jen Mott[jmott@anchorqea.com]; Jessica Hamilton (Jessica.Hamilton@portofportland.com)[Jessica.Hamilton@portofportland.com]  
**From:** Jen Mott  
**Sent:** Thur 1/28/2016 11:36:38 PM  
**Subject:** Lower Willamette Group Request for CPRC Assistance With Respect to Portland Harbor Superfund Site, Portland, Oregon  
[2016-01-28 LWG Request for CPRC Assistance.pdf](#)

Mr. Hall,

Attached please find the Lower Willamette Group's request for the Conflict Prevention and Resolution Center's (CPRC) assistance in resolving a dispute at the Portland Harbor Superfund site.

Please contact Robert Wyatt, LWG Chair, with any questions. Mr. Wyatt's contact information is in the letter.

Thank you,

Jen Mott ☺

Anchor QEA, LLC

[jworonets@anchorqea.com](mailto:jworonets@anchorqea.com)

421 SW Sixth Avenue, Suite 750

Portland, OR 97204

503-972-5014

Please consider the environment before printing this email.

The information is intended to be for the use of the individual or entity named above. If you are not the intended recipient, please be aware that any disclosure, copying, distribution or use of the contents of this information is prohibited. If you have received this electronic transmission in error, please notify us by electronic mail at [jmott@anchoragea.com](mailto:jmott@anchoragea.com)



**To:** Cora, Lori[Cora.Lori@epa.gov]  
**Cc:** Koch, Kristine[Koch.Kristine@epa.gov]; Grandinetti, Cami[Grandinetti.Cami@epa.gov]  
**From:** White, Bruce  
**Sent:** Thur 1/28/2016 6:00:41 PM  
**Subject:** Re: Portland Harbor Superfund Site

Lori

Now that EPA has issued a preferred option to the NRRB, and the NRRB has completed its review and Region 10 has responded to the NRRB comments, we are renewing our request on behalf of the PCI Group that EPA provide its costs for the preferred option broken down by SDU.

Given the effort devoted to development of that option, we anticipate that those figures should be readily available to the Agency.

Thanks in advance for a prompt response.

Regards,

Bruce White  
312.214.4584 (W)  

Personal Privacy / Ex. 6

On Oct 16, 2015, at 12:50 PM, Cora, Lori <Cora.Lori@epa.gov> wrote:

Hello, Bruce. I think you or others may have misunderstood what EPA said at the meeting on this issue. I heard one or more PCI members ask for the costs be developed by SDU, and I heard Kristine very specifically say that we had no reason to do that. Nonetheless, EPA wants to help facilitate the allocation within reason. Currently, EPA's revised draft FS is being reviewed by the LWG, Tribes, and CAG/TAG. The FS on which we base our proposed plan and seek public comment will be different than the current draft FS. EPA does not see the value in developing something for the PCI group on costs based on the draft FS at this time. Once EPA has proposed a remedial alternative, and the PCI sees the revised FS its based on, we can discuss with the PCI group what if anything more might be helpful to the group to facilitate the allocation process.

---

Lori Houck Cora | Assistant Regional Counsel  
U.S. Environmental Protection Agency | Region 10  
P: (206) 553.1115 | F: (206) 553.1762 | [cora.lori@epa.gov](mailto:cora.lori@epa.gov)

Follow @EPAnorthwest on Twitter! <https://twitter.com/EPAnorthwest>

**From:** White, Bruce [<mailto:Bruce.White@btlaw.com>]  
**Sent:** Friday, October 16, 2015 9:24 AM  
**To:** Koch, Kristine; Cora, Lori  
**Subject:** RE: Portland Harbor Superfund Site

Kristine

Thanks - appears I was not as clear as I should have been.

The group members already had access to this Appendix.

AT the 9/29 meeting EPA related that its representative would be willing to work with the Allocation Team/PCI Group to facilitate sharing or development of costs as broken down by Sediment Decision Unit (previously known as AOPCs or SMAs). As related at the meeting this information that is particularly important for development of the allocation.

This is the information we are following up for and would appreciate your advising of the best path to obtain/develop it.

Regards,

Bruce White

312-214-4584 (DD)

Personal Privacy / Ex. 6

**From:** Koch, Kristine [<mailto:Koch.Kristine@epa.gov>]

**Sent:** Friday, October 16, 2015 10:04 AM  
**To:** White, Bruce; Cora, Lori  
**Subject:** RE: Portland Harbor Superfund Site

Bruce – Attached is the detailed costs. If there are specific questions, please let me know.

Kristine Koch  
Remedial Project Manager  
USEPA, Office of Environmental Cleanup

U. S. Environmental Protection Agency  
Region 10  
1200 Sixth Avenue, Suite 900, M/S ECL-122  
Seattle, Washington 98101-3140

(206)553-6705  
(206)553-8581 (fax)  
1-800-424-4372 extension 6705 (M-F, 8-4 Pacific Time, only)

**From:** White, Bruce [<mailto:Bruce.White@btlaw.com>]  
**Sent:** Thursday, October 15, 2015 1:53 PM  
**To:** Koch, Kristine; Cora, Lori  
**Subject:** Portland Harbor Superfund Site

Kristine/Lori

During the EPA presentation to the PCI Group, EPA indicated that it was willing to provide us more detail on the manner in which the costs were calculated for the various FS options.

What would be the best way to go about obtaining that information expeditiously?

Thanks,

Bruce White

Barnes & Thornburg LLP  
One North Wacker Drive

Suite 4400  
Chicago, IL 60606-2833  
312.214.4584 (DD)

Personal Privacy / Ex. 6

CONFIDENTIALITY NOTICE: This email and any attachments are for the exclusive and confidential use of the intended recipient. If you are not the intended recipient, please do not read, distribute or take action in reliance upon this message. If you have received this in error, please notify us immediately by return email and promptly delete this message and its attachments from your computer system. We do not waive attorney-client or work product privilege by the transmission of this message.

CONFIDENTIALITY NOTICE: This email and any attachments are for the exclusive and confidential use of the intended recipient. If you are not the intended recipient, please do not read, distribute or take action in reliance upon this message. If you have received this in error, please notify us immediately by return email and promptly delete this message and its attachments from your computer system. We do not waive attorney-client or work product privilege by the transmission of this message.

CONFIDENTIALITY NOTICE: This email and any attachments are for the exclusive and confidential use of the intended recipient. If you are not the intended recipient, please do not read, distribute or take action in reliance upon this message. If you have received this in error, please notify us immediately by return email and promptly delete this message and its attachments from your computer system. We do not waive attorney-client or work product privilege by the transmission of this message.

**To:** Dunbar, Bill[dunbar.bill@epa.gov]; Robinson, Deborah[Robinson.Deborah@epa.gov]; Cora, Lori[Cora.Lori@epa.gov]  
**From:** Holsman, Marianne  
**Sent:** Thur 1/14/2016 1:08:06 AM  
**Subject:** Fwd: TO EMAIL TO THE CAG - FW: Portland Harbor FS  
Decision to Complete PH SF FS.PDF  
ATT00001.htm

I think this is it. I'm on the bus.

Marianne Holsman  
Public Affairs Director  
U.S. EPA Region 10  
Desk: 206.553.1237  
Cell: 206.450.5895

Begin forwarded message:

**From:** "Robinson, Deborah" <Robinson.Deborah@epa.gov>  
**Date:** January 6, 2016 at 12:22:29 PM PST  
**To:** "Conley, Alanna" <conley.alanna@epa.gov>  
**Cc:** "Holsman, Marianne" <Holsman.Marianne@epa.gov>, "MacIntyre, Mark" <Macintyre.Mark@epa.gov>, "Zhen, Davis" <Zhen.Davis@epa.gov>, "Grandinetti, Cami" <Grandinetti.Cami@epa.gov>, "Morrison, Kay" <morrison.kay@epa.gov>, "Ebright, Stephanie" <EBRIGHT.STEPHANIE@EPA.GOV>  
**Subject:** TO EMAIL TO THE CAG - FW: Portland Harbor FS

Welcome back, Alanna,

Bottom line, if I understand correctly, this letter should be forwarded to the CAG.  
Everyone else receiving this message, please correct me if this is wrong.

=====

In your absence, the attached letter was sent to the LWG on Monday 1/4 and to the TCT on T 1/5. In addition, Lori Cora lead a teleconference with representatives of the LWG on M Jan 4, telling them of the FS Completion Decision and reviewing the points in the letter.

The LWG asked us what our outreach plans are and we said we will notify our key stakeholders, including the CAG of this decision. We said we do not plan to reach out to

the press. We asked what their plans are for reaching out to the press or Congress. They said they would talk about it Wed 1/6 (today) and let us know.

Thanks,

Debbie

=====

From the Desk of:  
Debbie Robinson  
Tel: 206-553-4961  
[robinson.deborah@epa.gov](mailto:robinson.deborah@epa.gov)

US EPA Region 10, M/S ECL 122, 1200 Sixth Avenue, Suite 900, Seattle, WA 98101

**From:** Koch, Kristine

**Sent:** Tuesday, January 05, 2016 10:09 AM

**To:** Alex Liverman ([liverman.alex@deq.state.or.us](mailto:liverman.alex@deq.state.or.us)) <[liverman.alex@deq.state.or.us](mailto:liverman.alex@deq.state.or.us)>; Allen, Elizabeth <[allen.elizabeth@epa.gov](mailto:allen.elizabeth@epa.gov)>; Audie Huber ([audiehuber@ctuir.com](mailto:audiehuber@ctuir.com)) <[audiehuber@ctuir.com](mailto:audiehuber@ctuir.com)>; Blischke, Eric <[blischkee@cdmsmith.com](mailto:blischkee@cdmsmith.com)>; brandy.humphreys@grandronde.org; Brian Cunninghame ([cunninghame@gorge.net](mailto:cunninghame@gorge.net)) <[cunninghame@gorge.net](mailto:cunninghame@gorge.net)>; callie@ridolfi.com; Christopher, Anne <[Christopher.Anne@epa.gov](mailto:Christopher.Anne@epa.gov)>; Coffey, Scott <[CoffeySE@cdmsmith.com](mailto:CoffeySE@cdmsmith.com)>; Conley, Alanna <[conley.alanna@epa.gov](mailto:conley.alanna@epa.gov)>; Courtney Johnson ([courtney@crag.org](mailto:courtney@crag.org)) <[courtney@crag.org](mailto:courtney@crag.org)>; DeMaria, Eva <[DeMaria.Eva@epa.gov](mailto:DeMaria.Eva@epa.gov)>; Elmer Ward <[elmer.ward@ctwsbnr.org](mailto:elmer.ward@ctwsbnr.org)>; Fuentes, Rene <[fuentes.rene@epa.gov](mailto:fuentes.rene@epa.gov)>; Gabriel Moses <[REDACTED]>; Gail Fricano ([gfricano@indecon.com](mailto:gfricano@indecon.com)) <[gfricano@indecon.com](mailto:gfricano@indecon.com)>; Genevieve Angle ([Genevieve.Angle@noaa.gov](mailto:Genevieve.Angle@noaa.gov)) <[Genevieve.Angle@noaa.gov](mailto:Genevieve.Angle@noaa.gov)>; Hagerman, Paul <[HagermanPR@cdmsmith.com](mailto:HagermanPR@cdmsmith.com)>; Holly Partridge ([Holly.Partridge@grandronde.org](mailto:Holly.Partridge@grandronde.org)) <[Holly.Partridge@grandronde.org](mailto:Holly.Partridge@grandronde.org)>; JD Williams ([jd@williamsjohnsonlaw.com](mailto:jd@williamsjohnsonlaw.com)) <[jd@williamsjohnsonlaw.com](mailto:jd@williamsjohnsonlaw.com)>; peterson.Jennifer@deq.state.or.us; Jeremy Buck@fws.gov; Julie Weis ([jweis@hk-law.com](mailto:jweis@hk-law.com)) <[jweis@hk-law.com](mailto:jweis@hk-law.com)>; Gustavson, Karl <[Gustavson.Karl@epa.gov](mailto:Gustavson.Karl@epa.gov)>; Laura Klasner Shira <[shil@yakamafish-nsn.gov](mailto:shil@yakamafish-nsn.gov)>; Matt McClincy ([mcclincy.matt@deq.state.or.us](mailto:mcclincy.matt@deq.state.or.us)) <[mcclincy.matt@deq.state.or.us](mailto:mcclincy.matt@deq.state.or.us)>; Michael.karnosh@grandronde.org; poulsen.mike@deq.state.or.us; Morrison, Kay <[morrison.kay@epa.gov](mailto:morrison.kay@epa.gov)>; Paul Bianco <[paul@ridolfi.com](mailto:paul@ridolfi.com)>; rdelvecchio@indecon.com DelVecchio <[RDelVecchio@indecon.com](mailto:RDelVecchio@indecon.com)>; Rita Cabral ([rcabral@indecon.com](mailto:rcabral@indecon.com)) <[rcabral@indecon.com](mailto:rcabral@indecon.com)>; Robert.Neely@noaa.gov; Robinson, Deborah <[Robinson.Deborah@epa.gov](mailto:Robinson.Deborah@epa.gov)>; rose@yakamafish-nsn.gov; Sheldrake, Sean <[sheldrake.sean@epa.gov](mailto:sheldrake.sean@epa.gov)>; Shephard, Burt <[Shephard.Burt@epa.gov](mailto:Shephard.Burt@epa.gov)>; tom@d@ctsi.nsn.us;

**Personal Privacy / Ex. 6**

Tom Roick ([roick.tom@deq.state.or.us](mailto:roick.tom@deq.state.or.us)) <[roick.tom@deq.state.or.us](mailto:roick.tom@deq.state.or.us)>; Zhen, Davis  
<[Zhen.Davis@epa.gov](mailto:Zhen.Davis@epa.gov)>

**Subject:** FW: Portland Harbor FS

All – We sent this letter to the LWG last night. Let me know if you have any questions.

Regards,

Kristine Koch  
Remedial Project Manager  
USEPA, Office of Environmental Cleanup

U. S. Environmental Protection Agency  
Region 10  
1200 Sixth Avenue, Suite 900, M/S ECL-122  
Seattle, Washington 98101-3140

(206)553-6705  
(206)553-8581 (fax)  
1-800-424-4372 extension 6705 (M-F, 8-4 Pacific Time, only)

**From:** Koch, Kristine

**Sent:** Monday, January 04, 2016 4:59 PM

**To:** Bob Wyatt ([rjw@nwnatural.com](mailto:rjw@nwnatural.com)) <[rjw@nwnatural.com](mailto:rjw@nwnatural.com)>; Jim McKenna  
([jim.mckenna@verdantllc.com](mailto:jim.mckenna@verdantllc.com)) <[jim.mckenna@verdantllc.com](mailto:jim.mckenna@verdantllc.com)>

**Cc:** Jennifer Woronets ([jworonets@anchorqea.com](mailto:jworonets@anchorqea.com)) <[jworonets@anchorqea.com](mailto:jworonets@anchorqea.com)>; Cora,  
Lori <[cora.ori@epa.gov](mailto:cora.ori@epa.gov)>; Grandinetti, Cami <[Grandinetti.Cami@epa.gov](mailto:Grandinetti.Cami@epa.gov)>; Zhen, Davis  
<[Zhen.Davis@epa.gov](mailto:Zhen.Davis@epa.gov)>; Woolford, James <[Woolford.James@epa.gov](mailto:Woolford.James@epa.gov)>; Silvina Fonseca  
([Fonseca.Silvina@epa.gov](mailto:Fonseca.Silvina@epa.gov)) <[Fonseca.Silvina@epa.gov](mailto:Fonseca.Silvina@epa.gov)>; Steve Ells ([Ells.Steve@epa.gov](mailto:Ells.Steve@epa.gov))  
<[Ells.Steve@epa.gov](mailto:Ells.Steve@epa.gov)>; Legare, Amy <[Legare.Amy@epa.gov](mailto:Legare.Amy@epa.gov)>; Ebright, Stephanie  
<[EBRIGHT.STEPHANIE@EPA.GOV](mailto:EBRIGHT.STEPHANIE@EPA.GOV)>

**Subject:** Portland Harbor FS

Bob and Jim – Attached is EPA's letter informing the LWG of its intent to complete the feasibility study for the Portland Harbor Superfund site. EPA believes this is the most efficient process to get to a ROD in 2016 based on the revisions EPA has made to the FS. If you have any questions, please contact Stephanie Ebright at 206-553-0774.

Regards,

Kristine Koch  
Remedial Project Manager  
USEPA, Office of Environmental Cleanup

U. S. Environmental Protection Agency  
Region 10  
1200 Sixth Avenue, Suite 900, M/S ECL-122  
Seattle, Washington 98101-3140

(206)553-6705  
(206)553-8581 (fax)  
1-800-424-4372 extension 6705 (M-F, 8-4 Pacific Time, only)



**To:** Robinson, Deborah[Robinson.Deborah@epa.gov]  
**Cc:** Grandinetti, Cami[Grandinetti.Cami@epa.gov]; Zhen, Davis[Zhen.Davis@epa.gov]; Cora, Lori[Cora.Lori@epa.gov]; Jen Woronets[jworonets@anchorqea.com]  
**From:** Jen Woronets  
**Sent:** Tue 12/29/2015 12:55:51 AM  
**Subject:** RE: Request for EPA/LWG conference call on Monday 1/4/16

Thank you, I will wait for further instructions.

Thank you,

Jen Woronets ☺

Anchor QEA, LLC

[jworonets@anchorqea.com](mailto:jworonets@anchorqea.com)

421 SW Sixth Avenue, Suite 750

Portland, OR 97204

503-972-5014

Please consider the environment before printing this email.

The information is intended to be for the use of the individual or entity named above. If you are not the intended recipient, please be aware that any disclosure, copying, distribution or use of the contents of this information is prohibited. If you have received this electronic transmission in error, please notify us by electronic mail at [jworonets@anchorqea.com](mailto:jworonets@anchorqea.com)

**From:** Robinson, Deborah [mailto:Robinson.Deborah@epa.gov]  
**Sent:** Monday, December 28, 2015 4:48 PM  
**To:** Jen Woronets <jworonets@anchorqea.com>  
**Cc:** Grandinetti, Cami <Grandinetti.Cami@epa.gov>; Zhen, Davis <Zhen.Davis@epa.gov>; Cora, Lori <Cora.Lori@epa.gov>  
**Subject:** RE: Request for EPA/LWG conference call on Monday 1/4/16

Hi Jen,

Thank you for these clarifying questions.

This meeting is about the AOC, so EPA would only want to meet with the AOC signatories. Also, it is fine to include the details I provided in the meeting invitation. Let's use this EPA conference line: Personal Privacy / Ex. 6

I just found out that there will be a meeting here tomorrow morning that might affect the timing of the teleconference. You started working on this request very quickly, but it now appears that we should wait for the results of that meeting before you continue pursuing the meeting time. I will notify you as soon as I know whether we will be able to keep the meeting on Monday 1/4 or need to change the date. I apologize for this confusion.

Thanks,

Debbie

=====

From the Desk of:  
Debbie Robinson  
Tel: 206-553-4961  
[robinson.deborah@epa.gov](mailto:robinson.deborah@epa.gov)

US EPA Region 10, M/S ECL 122, 1200 Sixth Avenue, Suite 900, Seattle, WA 98101

**From:** Jen Woronets [<mailto:jworonets@anchoragea.com>]  
**Sent:** Monday, December 28, 2015 4:03 PM  
**To:** Robinson, Deborah <[Robinson.Deborah@epa.gov](mailto:Robinson.Deborah@epa.gov)>  
**Cc:** Jen Woronets <[jworonets@anchoragea.com](mailto:jworonets@anchoragea.com)>  
**Subject:** RE: Request for EPA/LWG conference call on Monday 1/4/15

Hi Debbie,

I wanted to confirm that all LWG members are invited to this meeting, not just AOC signatories.

Also, when the time is selected would you like me to send a meeting notice with the details you outline below? We can use an LWG conference line if you would like.

Thank you,

Jen Woronets ☺

Anchor QEA, LLC

[jworonets@anchoragea.com](mailto:jworonets@anchoragea.com)

421 SW Sixth Avenue, Suite 750

Portland, OR 97204

503-972-5014

Please consider the environment before printing this email.

The information is intended to be for the use of the individual or entity named above. If you are not the intended recipient, please be aware that any disclosure, copying, distribution or use of the contents of this information is prohibited. If you have received this electronic transmission in error, please notify us by electronic mail at [jworonets@anchoragea.com](mailto:jworonets@anchoragea.com)

**From:** Robinson, Deborah [<mailto:Robinson.Deborah@epa.gov>]  
**Sent:** Monday, December 28, 2015 3:31 PM  
**To:** Jen Woronets <[jworonets@anchoragea.com](mailto:jworonets@anchoragea.com)>  
**Subject:** RE: Request for EPA/LWG conference call on Monday 1/4/15

Thank you Jen, I appreciate it.

Thanks,

Debbie

=====  
From the Desk of:  
Debbie Robinson  
Tel: 206-553-4961  
[robinson.deborah@epa.gov](mailto:robinson.deborah@epa.gov)

US EPA Region 10, M/S ECL 122, 1200 Sixth Avenue, Suite 900, Seattle, WA 98101

**From:** Jen Woronets [<mailto:jworonets@anchoragea.com>]  
**Sent:** Monday, December 28, 2015 3:26 PM  
**To:** Robinson, Deborah <[Robinson.Deborah@epa.gov](mailto:Robinson.Deborah@epa.gov)>  
**Cc:** Jen Woronets <[jworonets@anchoragea.com](mailto:jworonets@anchoragea.com)>  
**Subject:** RE: Request for EPA/LWG conference call on Monday 1/4/15

Hi Debbie,

I will begin working on this now. I will let you know as soon as possible the hour that works best for the LWG on Monday, within the hours you specified.

Thank you,

Jen Woronets ☺

Anchor QEA, LLC

[jworonets@anchoragea.com](mailto:jworonets@anchoragea.com)

421 SW Sixth Avenue, Suite 750

Portland, OR 97204

503-972-5014

Please consider the environment before printing this email.

The information is intended to be for the use of the individual or entity named above. If you are not the intended recipient, please be aware that any disclosure, copying, distribution or use of the contents of this information is prohibited. If you have received this electronic transmission in error, please notify us by electronic mail at [jworonets@anchoragea.com](mailto:jworonets@anchoragea.com)

**From:** Robinson, Deborah [<mailto:Robinson.Deborah@epa.gov>]  
**Sent:** Monday, December 28, 2015 3:16 PM  
**To:** Jen Woronets <[jworonets@anchoragea.com](mailto:jworonets@anchoragea.com)>  
**Subject:** Request for EPA/LWG conference call on Monday 1/4/15

Dear Jen,

EPA would like to arrange a conference call with all LWG members and legal counsel next Monday to discuss the process to complete the Portland Harbor Feasibility Study. Given the importance of this topic, we hope to speak with as many LWG member companies as possible. Could you please coordinate a teleconference with the following parameters:

Date: 1/4/16

Time: 60 minutes, ideally 3:00 – 4:00 p.m. (Pacific time), or between 10:00 a.m. – 1:00 p.m. (pacific)

Subject: Update on process to complete the Portland Harbor Feasibility Study

Who should be there:

- [ ] Senior Managers
- [ ] Attorneys
- [ ] Company Project Managers

Thanks,

Debbie

=====  
From the Desk of:  
Debbie Robinson  
Tel: 206-553-4961  
[robinson.deborah@epa.gov](mailto:robinson.deborah@epa.gov)

US EPA Region 10, M/S ECL 122, 1200 Sixth Avenue, Suite 900, Seattle, WA 98101



**To:** Cora, Lori[Cora.Lori@epa.gov]  
**Cc:** Ingemansen, Dean[Ingemansen.Dean@epa.gov]  
**From:** Stern, Allyn  
**Sent:** Thur 11/19/2015 4:27:16 PM  
**Subject:** Re: Cong call

I followed up with Rick and Cami about this. They thought what was actually said at the meeting was consistent with our typical message to PRPs but we are planning to have a follow up discussion. They and Dennis are all sensitive to this issue and want to make sure they maintain the appropriate boundaries.

Allyn Stern  
Regional Counsel  
US EPA Region 10  
1200 Sixth Avenue, Seattle, WA 98101  
206-553-1223

On Nov 19, 2015, at 7:20 AM, Cora, Lori <[Cora.Lori@epa.gov](mailto:Cora.Lori@epa.gov)> wrote:

Hello, Dean and Allyn. Please see Jim Woolford's summary of a call Dennis, Dick Pedersen, and he had with the Oregon congressional delegation on Portland Harbor on Tuesday. Likewise, Dennis and other ECL staff met with senior executives of the LWG (City, Port of Portland, and NW Natural only) last week. From what I was told, those three were seeking assurances from Dennis that EPA would not look to just them for remedy implementation.

# Attorney Client / Ex. 5

---

Lori Houck Cora | Assistant Regional Counsel  
U.S. Environmental Protection Agency | Region 10  
P: (206) 553.1115 | F: (206) 553.1762 | [cora.lori@epa.gov](mailto:cora.lori@epa.gov)

Follow @EPAnorthwest on Twitter! <https://twitter.com/EPAnorthwest>

**From:** Woolford, James  
**Sent:** Wednesday, November 18, 2015 10:09 AM  
**To:** Grandinetti, Cami <[Grandinetti.Cami@epa.gov](mailto:Grandinetti.Cami@epa.gov)>; Fonseca, Silvina

<Fonseca.Silvina@epa.gov>; Stalcup, Dana <Stalcup.Dana@epa.gov>; Mackey, Cyndy <Mackey.Cyndy@epa.gov>; Cora, Lori <Cora.Lori@epa.gov>; Legare, Amy <Legare.Amy@epa.gov>; Koch, Kristine <Koch.Kristine@epa.gov>; Ells, Steve <Ells.Steve@epa.gov>; Deitz, Randy <Deitz.Randy@epa.gov>

**Subject:** Cong call

Quick summary.

Dennis went thru ppt, but there were a number of Qs and concerns raised. There was some confusion regarding the presentation of a preferred alt. to the NRRB. At least Merkley expressed his understanding the NRRB / CSTAG was only going to get a range of options and not a preferred alt. That resulted in a request for another call next week if it can be scheduled. Or ASAP.

Much interest in learning next week what option / preferred alternative was presented to NRRB. And why.

They also expressed desire to release NRRB/CSTAG comments as soon as they are sent to Region.

Looking at presentation Kristen sent this AM, I think most of what we need is there for a call next week, but I would re-arrange the slides. I would drop term "optimized" from the preferred alt set of slides.

Also -

Other topics they hit and want more info on.

Costs - can we or will we break down costs by SDU (which the delegation believes will help the allocation process. Blumenauer asked for by PRP if we could). My take away is we need to educate about the PRP allocation process and what tools are available to help or compel cooperation.

Decision tree - how flexible is it? It appears to be inflexible . Explain better.

Cost vs. Risk reduction - what do we get for \$\$ invested. Blumenauer: What does spending \$500 M at the site buy us from a risk reduction standpoint....

Cost - belief EPA consistently underestimates and it will be much higher ultimately. And longer too. How can everyone be assured the cost estimates are good. How do these cost compare vs other sites.

How can the remedy bring PRPs to table vs pushing them to litigation.

Public process - strong opinions 60 days won't be enough. Public getting short changed. Need to understand better our plans.

Dredging. Assumptions underlying dredging rates are Too optimistic - what is our level of certainty? Compare vs other sites. Costs will be higher. Community does not support 24



hr per day dredging.

That's about it...

Jim Woolford, Director  
Office of Superfund Remediation & Technology Innovation  
US EPA

Sent from my Windows Phone  
Please excuse typos

**To:** Cora, Lori[Cora.Lori@epa.gov]; Koch, Kristine[Koch.Kristine@epa.gov]  
**Cc:** Klinger, Nanci[Nanci.Klinger@portlandoregon.gov]; 'J.W. Ring'  
(JWRing@ringbenderlaw.com)[JWRing@ringbenderlaw.com]; 'Dunn, Loren'[ldunn@Riddellwilliams.com];  
Michael Reed (mike@reedconsulting.comcastbiz.net)[mike@reedconsulting.comcastbiz.net]  
**From:** White, Bruce  
**Sent:** Thur 10/1/2015 5:54:14 PM  
**Subject:** FW: Portland Harbor - Attendee list for 9-29-2015 presentation  
[Attendee's to the 9-29-2015 EPA Presentation.pdf](#)

Kristine/Lori:

Attached are the attendee's at EPA's 9/29 presentation, both in person and on the phone.

Thanks again to you and the other Agency representatives for your time and efforts.

Regards,

Bruce White

312-214-4584 (DD)

**Personal Privacy / Ex. 6**

CONFIDENTIALITY NOTICE: This email and any attachments are for the exclusive and confidential use of the intended recipient. If you are not the intended recipient, please do not read, distribute or take action in reliance upon this message. If you have received this in error, please notify us immediately by return email and promptly delete this message and its attachments from your computer system. We do not waive attorney-client or work product privilege by the transmission of this message.

**To:** Cora, Lori[Cora.Lori@epa.gov]  
**Cc:** michael.mculty@usdoj.gov[michael.mculty@usdoj.gov]; Chang, Deanna (ENRD)[Deanna.Chang@usdoj.gov]; Deirdre Donahue[deirdre.donahue@sol.doi.gov]; Robert.Neely@noaa.gov[Robert.Neely@noaa.gov]; rdelvecchio@indecon.com[rdelvecchio@indecon.com]; Jessica Fydenkevez[JFydenkevez@indecon.com]; Michela Hernandez[mhernandez@ecochem.net]; Koch, Kristine[Koch.Kristine@epa.gov]  
**From:** Katherine Pease - NOAA Federal  
**Sent:** Thur 9/3/2015 1:39:22 PM  
**Subject:** Re: Portland Harbor Trustee Expedited Allocation - LWG 2009 - Proposed Meeting

Lori - to follow up on my email from yesterday - I will assume that you have no objection to our having a conversation with Kristine while you are away (we will schedule a call with you once you are back). If you do object let me know. Thanks Katherine

Sent from my iPhone

On Sep 2, 2015, at 8:59 AM, "Cora, Lori" <Cora.Lori@epa.gov> wrote:

Hello, Katherine. I am out of the office from September 8 through the 18<sup>th</sup>. Kristine is the essential person from EPA for this discussion, however, so if you need to meet before September 21 carry on without me. I highly encourage the

**Deliberative Process / Ex. 5**

## Deliberative Process / Ex. 5

Lori Houck Cora | Assistant Regional Counsel  
U.S. Environmental Protection Agency | Region 10  
P: (206) 553.1115 | F: (206) 553.1762 | [cora.lori@epa.gov](mailto:cora.lori@epa.gov)

Follow @EPAnorthwest on Twitter! <https://twitter.com/EPAnorthwest>

**From:** Katherine Pease - NOAA Federal [mailto:katherine.pease@noaa.gov]  
**Sent:** Wednesday, September 02, 2015 8:42 AM  
**To:** Cora, Lori; michael.mculty@usdoj.gov; Chang, Deanna (ENRD)  
**Cc:** Deirdre Donahue; Robert.Neely@noaa.gov; rdelvecchio@indecon.com; Jessica Fydenkevez; Michela Hernandez; Koch, Kristine  
**Subject:** Portland Harbor Trustee Expedited Allocation - LWG 2009 - Proposed Meeting

All - As most of you know, Lori raised concerns with Mike about

**Deliberative Process / Ex. 5**

sites

# **Deliberative Process / Ex. 5**

3-1)

09,

## **Deliberative Process / Ex. 5**

## **Deliberative Process / Ex. 5**

## **Deliberative Process / Ex. 5**

NEXT STEPS: Because the

### **Deliberative Process / Ex. 5**

## **Deliberative Process / Ex. 5**

issue. We propose Seattle as a convenient location (and those not in Seattle or available to travel there can be looped in by phone) for next Wednesday or Thursday - Do either of those days work (Deirdre, I know your conflict) and what time blocks are available? We would like Kristine involved as well. Let me know, thank you, Katherine

--

Katherine A. Pease

Senior Counselor for Natural Resources  
Natural Resources Section  
Office of General Counsel  
National Oceanic and Atmospheric Administration  
U.S. Department of Commerce  
501 W. Ocean Blvd, Suite 4470  
Long Beach, CA 90802  
562-980-4077

Confidentiality Notice: This e-mail message is intended only for the named recipients. It contains information that may be confidential, privileged, attorney work product, or otherwise exempt from disclosure under applicable law. If you have received this message in error, are not a named recipient, or are not the employee or agent responsible for delivering this message to a named recipient, be advised that any review, disclosure, use, dissemination, distribution, or reproduction of this message or its contents is strictly prohibited. Please notify me immediately that you have received this message in error, and delete the message.

**To:** Cohen, Lori[Cohen.Lori@epa.gov]  
**Cc:** Sheldrake, Sean[sheldrake.sean@epa.gov]; Cora, Lori[Cora.Lori@epa.gov]; Grandinetti, Cami[Grandinetti.Cami@epa.gov]  
**From:** Koch, Kristine  
**Sent:** Tue 11/25/2014 10:49:26 PM  
**Subject:** RE: Portland Harbor FS Process Update

Lori – I'm fine with the additional time if you are. I just did the 60 days for NRRB/CSTAG and 45 days to include as discussed yesterday. More time for the team is appreciated!

Kristine Koch  
Remedial Project Manager  
USEPA, Office of Environmental Cleanup

U. S. Environmental Protection Agency  
Region 10  
1200 Sixth Avenue, Suite 900, M/S ECL-115  
Seattle, Washington 98101-3140

(206)553-6705  
(206)553-0124 (fax)  
1-800-424-4372 extension 6705 (M-F, 8-4 Pacific Time, only)

**From:** Cohen, Lori  
**Sent:** Tuesday, November 25, 2014 2:26 PM  
**To:** Koch, Kristine  
**Cc:** Sheldrake, Sean; Cora, Lori; Grandinetti, Cami  
**Subject:** RE: Portland Harbor FS Process Update

Hi Kristine,

A few suggested revisions in the attached. Main item is that I am concerned that 105 days from NRRB/CSTAG to final direction to the LWG may not be enough time. I suggest 120 days as our commitment, we can work to do it sooner.

You will also see my message to Jim Woolford asking to confirm that we can get CSTAG/NRRB comments within 60 days to make this process work.

Please call if you wish to discuss, if not please make a redline version that shows one set of changes and I will send on to the LWG with the diagrams.

Thank you!

Lori

**From:** Koch, Kristine  
**Sent:** Monday, November 24, 2014 7:44 PM  
**To:** Cohen, Lori; Cora, Lori; Grandinetti, Cami  
**Cc:** Sheldrake, Sean  
**Subject:** Portland Harbor FS Process Update

Lori – I attempted to capture what we discussed today in this revision. I hope it works for you. I'm working at home tomorrow if you want to discuss before sharing with the LWG. Just dial my work extension and it will forward to my home. You can always dial me direct at Personal Privacy / Ex. 6 Personal Privacy / Ex. 6 too.

Regards,

Kristine Koch  
Remedial Project Manager  
USEPA, Office of Environmental Cleanup

U. S. Environmental Protection Agency  
Region 10  
1200 Sixth Avenue, Suite 900, M/S ECL-115  
Seattle, Washington 98101-3140

(206)553-6705  
(206)553-0124 (fax)  
1-800-424-4372 extension 6705 (M-F, 8-4 Pacific Time, only)





**To:** Koch, Kristine[Koch.Kristine@epa.gov]  
**Cc:** Sheldrake, Sean[sheldrake.sean@epa.gov]; Cora, Lori[Cora.Lori@epa.gov]; Grandinetti, Cami[Grandinetti.Cami@epa.gov]  
**From:** Cohen, Lori  
**Sent:** Tue 11/25/2014 10:26:21 PM  
**Subject:** RE: Portland Harbor FS Process Update  
2014-11-24 FS Revision Process Final Draft Revision lc.docx

Hi Kristine,

A few suggested revisions in the attached. Main item is that I am concerned that 105 days from NRRB/CSTAG to final direction to the LWG may not be enough time. I suggest 120 days as our commitment, we can work to do it sooner.

You will also see my message to Jim Woolford asking to confirm that we can get CSTAG/NRRB comments within 60 days to make this process work.

Please call if you wish to discuss, if not please make a redline version that shows one set of changes and I will send on to the LWG with the diagrams.

Thank you!

Lori

**From:** Koch, Kristine  
**Sent:** Monday, November 24, 2014 7:44 PM  
**To:** Cohen, Lori; Cora, Lori; Grandinetti, Cami  
**Cc:** Sheldrake, Sean  
**Subject:** Portland Harbor FS Process Update

Lori – I attempted to capture what we discussed today in this revision. I hope it works for you. I'm working at home tomorrow if you want to discuss before sharing with the LWG. Just dial

my work extension and it will forward to my home. You can always dial me direct at Personal Privacy / Ex. 6  
Personal Privacy / Ex. 3 too.

Regards,

Kristine Koch  
Remedial Project Manager  
USEPA, Office of Environmental Cleanup

U. S. Environmental Protection Agency  
Region 10  
1200 Sixth Avenue, Suite 900, M/S ECL-115  
Seattle, Washington 98101-3140

(206)553-6705  
(206)553-0124 (fax)  
1-800-424-4372 extension 6705 (M-F, 8-4 Pacific Time, only)

**To:** Grandinetti, Cami[Grandinetti.Cami@epa.gov]; Villa, Clifford[Villa.Clifford@epa.gov]; Cora, Lori[Cora.Lori@epa.gov]; Blocker, Shawn[Blocker.Shawn@epa.gov]; Hiltner, Allison[Hiltner.Allison@epa.gov]  
**From:** Mackey, Cyndy  
**Sent:** Wed 7/30/2014 3:07:59 PM  
**Subject:** RE: Lower Duwamish ROD SW ARARs language

## **Ex. 5 Deliberative Process/Attorney-Client**

**From:** Grandinetti, Cami  
**Sent:** Wednesday, July 30, 2014 10:48 AM  
**To:** Mackey, Cyndy; Villa, Clifford; Cora, Lori; Blocker, Shawn; Hiltner, Allison  
**Subject:** RE: Lower Duwamish ROD SW ARARs language

## **Ex. 5 Deliberative Process/Attorney-Client**

## Ex. 5 Deliberative Process/Attorney-Client

Let me ask

Ex. 5 Deliberative Process/Attorney-Client

## Ex. 5 Deliberative Process/Attorney-Client

---

Cami Grandinetti

Program Manager, Remedial Cleanup Program

USEPA

1200 6th Ave, Suite 900

ECL-113

Seattle, Wa. 98101

206-553-8696 (desk)

206-390-8890 (cell)

206-553-0124 (fax)

**From:** Mackey, Cyndy

**Sent:** Wednesday, July 30, 2014 5:41 AM

**To:** Villa, Clifford; Grandinetti, Cami; Cora, Lori; Blocker, Shawn; Hiltner, Allison

**Subject:** RE: Lower Duwamish ROD SW ARARs language

Cliff

I think

## Ex. 5 Deliberative Process/Attorney-Client

Ex. 5 Deliberative Process/Attorney-Client

**Ex. 5 Deliberative Process/Attorney-Client**

**Ex. 5 Deliberative Process/Attorney-Client**

I am ok with

**Ex. 5 Deliberative Process/Attorney-Client**

Thanks again.

Cyndy

**From:** Villa, Clifford

**Sent:** Tuesday, July 29, 2014 8:04 PM

**To:** Mackey, Cyndy; Grandinetti, Cami; Cora, Lori; Blocker, Shawn; Hiltner, Allison

**Subject:** RE: Lower Duwamish ROD SW ARARs language

Cyndy: Thank you so much for your comments below. I am grateful for your input here particularly because

**Ex. 5 Deliberative Process/Attorney-Client**

Ex. 5 Deliberative Process/Attorney-Client

**Ex. 5 Deliberative Process/Attorney-Client**

## Ex. 5 Deliberative Process/Attorney-Client

I'm hoping to discuss with Charles in the morning, so please let me know asap if any strong feelings here.

Thanks.

**Clifford J. Villa**

Assistant Regional Counsel

U.S. Environmental Protection Agency, Region 10

(206) 553-1185 (office) | (206) 419-2744 (cell)

**From:** Mackey, Cyndy

**Sent:** Tuesday, July 29, 2014 5:59 AM

**To:** Villa, Clifford; Grandinetti, Cami; Cora, Lori; Blocker, Shawn

**Subject:** RE: Lower Duwamish ROD SW ARARs language

Cliff

**Ex. 5 Deliberative Process/Attorney-Client**

**Ex. 5 Deliberative Process/Attorney-Client**

## Ex. 5 Deliberative Process/Attorney-Client

Thanks for your work on this complex project.

Personal Privacy / Ex. 6

Personal Privacy / Ex. 6

Cyndy

**From:** Villa, Clifford

**Sent:** Monday, July 28, 2014 8:04 PM

**To:** Grandinetti, Cami; Cora, Lori; Mackey, Cyndy; Blocker, Shawn

**Subject:** FW: Lower Duwamish ROD SW ARARs language

All: I took the revision

Ex. 5 Deliberative/Attorney-Client

Ex. 5 Deliberative/Attorney-Client

please let me know if you think

Ex. 5 Deliberative/Attorney-Client

## Ex. 5 Deliberative/Attorney-Client

## Ex. 5 Deliberative/Attorney-Client

Ex. 5 Deliberative/Attorney-Client



## Ex. 5 Deliberative/Attorney-Client

**Clifford J. Villa**

Assistant Regional Counsel

U.S. Environmental Protection Agency, Region 10

(206) 553-1185 (office) | (206) 419-2744 (cell)

**From:** Openchowski, Charles

**Sent:** Monday, July 28, 2014 2:59 PM

**To:** Villa, Clifford

**Cc:** Grandinetti, Cami; Blocker, Shawn; Mackey, Cyndy; Cora, Lori; Fonseca, Silvina; Ammon, Doug

**Subject:** RE: Lower Duwamish ROD SW ARARs language

Thanks, Cliff – left a vm for you, but in the event we aren't able to talk today, I thought I'd send along my comments and suggested wording changes given the time sensitivities here. I do

## Ex. 5 Deliberative/Attorney-Client

Ex. 5 Deliberative/Attorney-Client

I'm happy to talk about this some more, will be here all week -- thanks

**From:** Villa, Clifford  
**Sent:** Monday, July 28, 2014 4:29 PM  
**To:** Openchowski, Charles  
**Cc:** Grandinetti, Cami; Blocker, Shawn; Mackey, Cyndy; Cora, Lori; Fonseca, Silvina; Ammon, Doug  
**Subject:** FW: Lower Duwamish ROD SW ARARs language

Charles: Following up on our conversation this morning

**Ex. 5 Deliberative/Attorney-Client**

## **Ex. 5 Deliberative/Attorney-Client**

into the ROD from here. Many thanks.

## **Ex. 5 Deliberative/Attorney-Client**

**Clifford J. Villa**

Assistant Regional Counsel

U.S. Environmental Protection Agency, Region 10

(206) 553-1185 (office) | (206) 419-2744 (cell)

**To:** Villa, Clifford[Villa.Clifford@epa.gov]; Mackey, Cyndy[Mackey.Cyndy@epa.gov]; Grandinetti, Cami[Grandinetti.Cami@epa.gov]; Cora, Lori[Cora.Lori@epa.gov]; Blocker, Shawn[Blocker.Shawn@epa.gov]  
**From:** Hiltner, Allison  
**Sent:** Wed 7/30/2014 1:18:46 AM  
**Subject:** RE: Lower Duwamish ROD SW ARARs language

ATTORNEY-CLIENT PRIVILEGE - DO NOT DISTRIBUTE

## Ex. 5 Deliberative/Attorney-Client

**From:** Hiltner, Allison  
**Sent:** Tuesday, July 29, 2014 6:15 PM  
**To:** Villa, Clifford; Mackey, Cyndy; Grandinetti, Cami; Cora, Lori; Blocker, Shawn  
**Subject:** RE: Lower Duwamish ROD SW ARARs language

ATTORNEY-CLIENT PRIVILEGE - DO NOT DISTRIBUTE

I think

## Ex. 5 Deliberative/Attorney-Client

## Ex. 5 Deliberative/Attorney-Client

**From:** Villa, Clifford  
**Sent:** Tuesday, July 29, 2014 5:03 PM  
**To:** Mackey, Cyndy; Grandinetti, Cami; Cora, Lori; Blocker, Shawn; Hiltner, Allison  
**Subject:** RE: Lower Duwamish ROD SW ARARs language

Cyndy: Thank you so much for your comments below. I am grateful for your input here.

## Ex. 5 Deliberative/Attorney-Client

Ex. 5 Deliberative/Attorney-Client

## Ex. 5 Deliberative/Attorney-Client

## Ex. 5 Deliberative/Attorney-Client

## Ex. 5 Deliberative/Attorney-Client

I'm hoping to discuss with Charles in the morning, so please let me know asap if any strong feelings here.

Thanks.

**Clifford J. Villa**

Assistant Regional Counsel

U.S. Environmental Protection Agency, Region 10

(206) 553-1185 (office) | (206) 419-2744 (cell)

**From:** Mackey, Cyndy

**Sent:** Tuesday, July 29, 2014 5:59 AM

**To:** Villa, Clifford; Grandinetti, Cami; Cora, Lori; Blocker, Shawn

**Subject:** RE: Lower Duwamish ROD SW ARARs language

Cliff

As we make these changes, I think

Ex. 5 Deliberative/Attorney-Client

## **Ex. 5 Deliberative/Attorney-Client**

## **Ex. 5 Deliberative/Attorney-Client**

Thanks for your work on this complex project.

**Personal Privacy / Ex. 6**

**Personal Privacy / Ex. 6**

Cyndy

**From:** Villa, Clifford

**Sent:** Monday, July 28, 2014 8:04 PM

**To:** Grandinetti, Cami; Cora, Lori; Mackey, Cyndy; Blocker, Shawn

**Subject:** FW: Lower Duwamish ROD SW ARARs language

## **Ex. 5 Deliberative/Attorney-Client**

## **Ex. 5 Deliberative/Attorney-Client**

## **Ex. 5 Deliberative/Attorney-Client**

## **Ex. 5 Deliberative/Attorney-Client**

**Clifford J. Villa**

Assistant Regional Counsel

U.S. Environmental Protection Agency, Region 10

(206) 553-1185 (office) | (206) 419-2744 (cell)

**From:** Openchowski, Charles

**Sent:** Monday, July 28, 2014 2:59 PM

**To:** Villa, Clifford

**Cc:** Grandinetti, Cami; Blocker, Shawn; Mackey, Cyndy; Cora, Lori; Fonseca, Silvina; Ammon, Doug

**Subject:** RE: Lower Duwamish ROD SW ARARs language

Thanks, Cliff – left a vm for you, but in the event we aren't able to talk today, I thought I'd send along my comments and suggested wording changes given the time

## Ex. 5 Deliberative/Attorney-Client

Ex. 5 Deliberative/Attorney-Client

I'm happy to talk about this some more, will be here all week -- thanks

**From:** Villa, Clifford

**Sent:** Monday, July 28, 2014 4:29 PM

**To:** Openchowski, Charles

**Cc:** Grandinetti, Cami; Blocker, Shawn; Mackey, Cyndy; Cora, Lori; Fonseca, Silvina; Ammon, Doug

**Subject:** FW: Lower Duwamish ROD SW ARARs language

Charles: Following up on our conversation this morning, Ex. 5 Deliberative/Attorney-Client

## Ex. 5 Deliberative/Attorney-Client

## Ex. 5 Deliberative/Attorney-Client

**Clifford J. Villa**

Assistant Regional Counsel

U.S. Environmental Protection Agency, Region 10

(206) 553-1185 (office) | (206) 419-2744 (cell)



**To:** Cohen, Lori[Cohen.Lori@epa.gov]; Koch, Kristine[Koch.Kristine@epa.gov]; Cora,  
Lori[Cora.Lori@epa.gov]  
**From:** Muza, Richard  
**Sent:** Wed 7/16/2014 10:44:17 PM  
**Subject:** RE: draft note to DEQ for your review

Lori

**Deliberative Process / Ex. 5**

**Deliberative Process / Ex. 5**

**Deliberative Process / Ex. 5**

THANKS!

Rich

**From:** Cohen, Lori  
**Sent:** Tuesday, July 15, 2014 11:44 AM

**To:** Koch, Kristine; Cora, Lori; Muza, Richard  
**Subject:** draft note to DEQ for your review

Hi – I wanted to capture some of the follow up from the meeting Deb and had with DEQ last week – we have not really provided a download to you, but this captures the discussion - please review to be sure I have not stated anything inaccurately from your perspectives –please address the questions I have noted for you, particularly on the part about the downtown reach as I had very limited information going into the meeting on this. Thanks!

Lori

\*\*\*\*\*

Greetings Nina, Kevin and Keith,

**Deliberative Process / Ex. 5**

**Deliberative Process / Ex. 5**

**Deliberative Process / Ex. 5**

**Deliberative Process / Ex. 5**

**Deliberative Process / Ex. 5**

**Deliberative Process / Ex. 5**

**Deliberative Process / Ex. 5**

**Deliberative Process / Ex. 5**

FS Revisions and Schedule –

–

# Deliberative Process / Ex. 5

Let me know if you have corrections/additions. I think our next follow up will be on the Downtown Reach issues. I will talk with the team about getting this set up.

Thank you,

Lori

**To:** Yamamoto, Deb[Yamamoto.Deb@epa.gov]; Cohen, Lori[Cohen.Lori@epa.gov]  
**Cc:** Cora, Lori[Cora.Lori@epa.gov]  
**From:** Koch, Kristine  
**Sent:** Sat 7/5/2014 11:17:49 PM  
**Subject:** FW: Dispute of EPA Letter dated June 6, 2014, Arkema Removal Action  
EECA dispute letter July 3.pdf

This is not good news. We will have to discuss this when Sean returns in mid July. I'm not sure the time frames on this, so we may need to act in the interim.

Kristine Koch  
Remedial Project Manager  
USEPA, Office of Environmental Cleanup

U. S. Environmental Protection Agency  
Region 10  
1200 Sixth Avenue, Suite 900, M/S ECL-115  
Seattle, Washington 98101-3140

(206)553-6705  
(206)553-0124 (fax)  
1-800-424-4372 extension 6705 (M-F, 8-4 Pacific Time, only)

**From:** David Livermore [mailto:dlivermore@integral-corp.com]  
**Sent:** Thursday, July 03, 2014 4:16 PM  
**To:** Sheldrake, Sean; Cora, Lori  
**Cc:** 'Alex Liverman'; 'allenmc@cdm.com'; 'audiehuber@ctuir.com';  
'bayuk.dana@deq.state.or.us'; schwarz.bob@deq.state.or.us; 'bob@ridolfi.com';  
callie@ridolfi.com; Conley, Alanna; 'cunninghame@gorge.net'; 'Dan Hafley';  
'erin.madden@gmail.com'; Fuentes, Rene; 'Gail Fricano'; 'Genevieve Angle'; Gustavson, Karl;  
'Holly Partridge'; 'jd@williamsjohnsonlaw.com'; 'Jen Kassakian'; Jeremy\_Buck@fws.gov;  
'johnson.keith@deq.state.or.us'; 'jweis@hk-law.com'; 'KingTW@cdmsmith.com'; 'Kristin  
Callahan'; Koch, Kristine; 'Lance Peterson'; 'matt@williamsjohnsonlaw.com';  
'mcclincy.matt@deq.state.or.us'; tosm@yakamafish-nsn.gov; Michael.karnosh@grandronde.org;  
Muza, Richard; nancy.munn@noaa.gov; peterson.Jennifer@deq.state.or.us; 'Rachel DelVecchio';  
Robert.Neely@noaa.gov; rose@yakamafish-nsn.gov; 'Susan Penoyar'; 'ted\_buerger@fws.gov';  
tomd@ctsi.nsn.us; 'Tom Gainer'; Todd SLATER (todd.slater@total.com); Doug  
LOUTZENHISER; 'Karen Traeger'; Karen TRAEGER (karen.traeger@external.total.com);  
**Personal Privacy / Ex. 6** Steve Parkinson (SParkinson@jzplaw.com);  
Bridgette DeShields; Erik Ipsen; Brendan Robinson; Eron Dodak; Matt Stock  
(mstock@jzplaw.com)  
**Subject:** Dispute of EPA Letter dated June 6, 2014, Arkema Removal Action  
**Importance:** High

Sean and Lori-

On behalf of LSS, agent for Arkema, please find attached a letter that invokes the dispute resolution process related to statements and positions in EPA's June 6, 2014 letter regarding the Draft Sediment Sampling Work Plan and in a subsequent follow-up conference call between EPA, its partners, and LSS on June 19, 2014. The exhibits to this letter are too large to email.

They can be downloaded by clicking on the following link:

Personal Privacy / Ex. 6

**Personal Privacy / Ex. 6**

LSS looks forward to continuing to work with EPA to explore reasonable options to resolve our differences such that the proposed Arkema sampling can be performed in a timely manner with little additional EPA effort. Please contact Todd Slater at 610-594-4430 or me at 503-943-3613 if you have any questions or difficulty accessing the letter and exhibits.

Thank you,

David

David Livermore, R.G., L.H.G. | Principal and Regional Director

Integral Consulting Inc. | [www.integral-corp.com](http://www.integral-corp.com)

319 SW Washington Street, Suite 1150 | Portland, OR 97204

Direct: 503.943.3613 | Cell: 503.806.4665 | Fax: 503.284.5755

HEALTH ENVIRONMENT TECHNOLOGY SUSTAINABILITY

**IMPORTANT NOTICE:** This email communication is confidential and may contain legally privileged information intended only for the addressee. Do not read, copy, or disseminate this email message unless you are the intended recipient. If you have received this message in error, please delete all copies and notify the sender immediately at [dlivermore@integral-corp.com](mailto:dlivermore@integral-corp.com). Thank you.



**To:** Cora, Lori[Cora.Lori@epa.gov]  
**Cc:** Bob Wyatt[rjw@nwnatural.com]; Jim McKenna (jim.mckenna@verdantllc.com)[jim.mckenna@verdantllc.com]; Pearman, Beverly[Beverly.Pearman@portofportland.com]; Koch, Kristine[Koch.Kristine@epa.gov]; Patty Dost[pdost@pearllegalgroup.com]; Jennifer Woronets[jworonets@anchorqea.com]  
**From:** Jennifer Woronets  
**Sent:** Thur 6/12/2014 4:17:22 PM  
**Subject:** RE: FS process revision - Final  
2014-06-11 FS Revision Process Final.pdf

Lori,

Please see attached final June 11, 2014 Portland Harbor Superfund site revision process for the Feasibly Study.

Thank you,

Jen Woronets ☺

Anchor QEA, LLC

[jworonets@anchorqea.com](mailto:jworonets@anchorqea.com)

421 SW Sixth Avenue, Suite 750

Portland, OR 97204

503-972-5014

Please consider the environment before printing this email.

The information is intended to be for the use of the individual or entity named above. If you are not the intended recipient, please be aware that any disclosure, copying, distribution or use of the contents of this information is prohibited. If you have received this electronic transmission in error, please notify us by electronic mail at [jworonets@anchorqea.com](mailto:jworonets@anchorqea.com)

**From:** Cora, Lori [mailto:Cora.Lori@epa.gov]  
**Sent:** Thursday, June 12, 2014 8:31 AM  
**To:** Patty Dost; Jennifer Woronets  
**Cc:** Bob Wyatt; Jim McKenna (jim.mckenna@verdantllc.com); Pearman, Beverly; Koch, Kristine  
**Subject:** RE: FS process revision



Yes, please ask Jen to do that. Thanks.

---

Lori Houck Cora | Assistant Regional Counsel  
U.S. Environmental Protection Agency | Region 10  
P: (206) 553.1115 | F: (206) 553.1762 | [cora.lori@epa.gov](mailto:cora.lori@epa.gov)

Follow @EPAnorthwest on Twitter! <https://twitter.com/EPAnorthwest>

**From:** Patty Dost [<mailto:pdost@pearllegalgroup.com>]  
**Sent:** Wednesday, June 11, 2014 4:45 PM  
**To:** Cora, Lori; Jennifer Woronets  
**Cc:** Bob Wyatt; Jim McKenna ([jim.mckenna@verdantllc.com](mailto:jim.mckenna@verdantllc.com)); Pearman, Beverly; Koch, Kristine  
**Subject:** RE: FS process revision

Hi Lori,

Personal Privacy / Ex. 6 I am writing to let you know that the LWG accepts EPA's revisions to the FS process attached to your email below. I think that one of us should generate a clean final of the document dated as of today so that we don't get confused about our versions. Shall I ask Jen to do that for us?

Thank you,

Patty

**From:** Cora, Lori [<mailto:Cora.Lori@epa.gov>]  
**Sent:** Thursday, June 05, 2014 11:13 AM  
**To:** Jennifer Woronets  
**Cc:** Bob Wyatt; Jim McKenna ([jim.mckenna@verdantllc.com](mailto:jim.mckenna@verdantllc.com)); Pearman, Beverly; Koch, Kristine

**Subject:** RE: FS process revision

Attached is EPA's revision to the FS process last revised by Beverly. The misunderstanding primarily came from the "Whole Document Review" paragraph. Consistent with Region 10's redline corrections/additions to the notes from the April 30 meeting, EPA was not giving an additional 30 days for the LWG to review the entire FS and then get a direction for changes. We can discuss further tomorrow.

You will see from our proposed revisions that we are proposing a different process that we believe meets the LWG's original request for more time to review the whole document. We believe it will be more efficient to give the LWG additional time to review Chapter 4 as well as the entire document together. This meets the LWG's request to have more time to look at the document as a whole, and that way any dispute raised after that 45-day review, will be on all remaining issues, including outstanding Parking Lot issues.

---

Lori Houck Cora | Assistant Regional Counsel  
U.S. Environmental Protection Agency | Region 10  
P: (206) 553.1115 | F: (206) 553.1762 | [cora.lori@epa.gov](mailto:cora.lori@epa.gov)

Follow @EPAnorthwest on Twitter! <https://twitter.com/EPAnorthwest>

**From:** Jennifer Woronets [<mailto:jworonets@anchorqea.com>]  
**Sent:** Thursday, June 05, 2014 8:06 AM  
**To:** Cora, Lori  
**Cc:** Bob Wyatt; Jim McKenna ([jim.mckenna@verdantllc.com](mailto:jim.mckenna@verdantllc.com)); Pearman, Beverly; Koch, Kristine; Jennifer Woronets  
**Subject:** RE: FS process revision

Hi Lori,

Would it be possible to get the list of which revisions are problematic and/or areas of misunderstandings before the 1:30 pm call tomorrow?

Thank you,

Jen Woronets ☺

Anchor QEA, LLC

[jworonets@anchoragea.com](mailto:jworonets@anchoragea.com)

421 SW Sixth Avenue, Suite 750

Portland, OR 97204

503-972-5014

Please consider the environment before printing this email.

The information is intended to be for the use of the individual or entity named above. If you are not the intended recipient, please be aware that any disclosure, copying, distribution or use of the contents of this information is prohibited. If you have received this electronic transmission in error, please notify us by electronic mail at [jworonets@anchoragea.com](mailto:jworonets@anchoragea.com)

**From:** Pearman, Beverly [<mailto:Beverly.Pearman@portofportland.com>]

**Sent:** Monday, June 02, 2014 2:10 PM

**To:** Jennifer Woronets; Cora, Lori; Koch, Kristine

**Cc:** Bob Wyatt; Jim McKenna ([jim.mckenna@verdantllc.com](mailto:jim.mckenna@verdantllc.com))

**Subject:** RE: FS process revision

Hi Lori-

Thanks for agreeing to a call to get this finalized. If you could let us know which revisions are problematic and/or areas of misunderstandings before Friday's call, that would be helpful.

Talk to you soon-

Beverly

**From:** Jennifer Woronets [<mailto:jworonets@anchoragea.com>]

**Sent:** Monday, June 02, 2014 12:25 PM

**To:** Cora, Lori; Koch, Kristine

**Cc:** Pearman, Beverly; Jennifer Woronets; Bob Wyatt; Jim McKenna ([jim.mckenna@verdantllc.com](mailto:jim.mckenna@verdantllc.com))

**Subject:** RE: FS process revision

Lori, Kristine,

A call has been scheduled for Friday, June 6 at 1:30 pm. An Outlook meeting notice was sent.

Please let me know if you have any questions.

Thank you,

Jen Woronets ☺

Anchor QEA, LLC

[jworonets@anchoragea.com](mailto:jworonets@anchoragea.com)

421 SW Sixth Avenue, Suite 750

Portland, OR 97204

503-972-5014

Please consider the environment before printing this email.

The information is intended to be for the use of the individual or entity named above. If you are not the intended recipient, please be aware that any disclosure, copying, distribution or use of the contents of this information is prohibited. If you have received this electronic transmission in error, please notify us by electronic mail at [jworonets@anchoragea.com](mailto:jworonets@anchoragea.com)

**From:** Cora, Lori [<mailto:Cora.Lori@epa.gov>]

**Sent:** Monday, June 02, 2014 8:53 AM

**To:** Pearman, Beverly

**Cc:** Jennifer Woronets; Koch, Kristine

**Subject:** RE: FS process revision

Hi, Beverly. I've discussed your message and draft changes with Kristine and Lori Cohen. There are some misunderstandings and we don't agree with all of the changes you made. Kristine and I are available to talk with you, Bob and Jim this week between 1-3 p.m. on Wednesday (the 4<sup>th</sup>) or between Noon and 2 p.m. on Friday (the 6<sup>th</sup>).

---

Lori Houck Cora | Assistant Regional Counsel  
U.S. Environmental Protection Agency | Region 10  
P: (206) 553.1115 | F: (206) 553.1762 | [cora.lori@epa.gov](mailto:cora.lori@epa.gov)

Follow @EPAnorthwest on Twitter! <https://twitter.com/EPAnorthwest>

**From:** Pearman, Beverly [<mailto:Beverly.Pearman@portofportland.com>]  
**Sent:** Thursday, May 29, 2014 3:12 PM  
**To:** Cora, Lori  
**Cc:** Jennifer Woronets ([jworonets@anchorqea.com](mailto:jworonets@anchorqea.com))  
**Subject:** RE: FS process revision

Hi Lori-

I know it's been some time since we last exchanged drafts, but attached is a revised narrative. I was originally asked to work on the one sentence referenced down this email chain, and I believe we have resolved that issue. But then as I reviewed other parts of the narrative and compared it to discussions that occurred at the senior managers meeting on April 30 as well as to schedules provided by Kristine to the LWG project team earlier this month (example attached), I found some areas of disconnect. This attached draft incorporates what I understand to be the agreements reached at the senior managers meeting. On May 12 Jessica forwarded notes from that meeting to Lori Cohen for her review and comment, but I am not certain about the current status of those notes. In any event, please review this and let me know what you think.

We also want to be sure that this narrative is consistent with schedules discussed by the EPA and LWG project teams. The conflict in the schedule and this narrative was that the attached schedule has a 30-day dispute clock window, but this narrative provides for only a 14-day window. We are ok with the 14-day window, but we want to be sure the project team schedule is consistent. In order to make sure we are all on the same page, I think it would be useful for me, you, Kristine, Jim, and Bob to have a conference call (next week if possible) to discuss and finalize this narrative. I am suggesting we talk next week because I will be out of the office June 9-17. Would that work for you and Kristine? I've copied Jennifer Woronets so she can coordinate schedules on our end if you agree that such a call would be helpful in bringing this issue to conclusion, so please copy her on your response.

Thanks-

Beverly

**From:** Cora, Lori [<mailto:Cora.Lori@epa.gov>]  
**Sent:** Monday, May 05, 2014 3:32 PM  
**To:** Pearman, Beverly  
**Subject:** RE: FS process revision

Hi, Beverly. Per our discussion, I've attached the FS process narrative with the affirmative statement as to dispute obligations. Let me know what you think.

---

Lori Houck Cora | Assistant Regional Counsel  
U.S. Environmental Protection Agency | Region 10  
P: (206) 553.1115 | F: (206) 553.1762 | [cora.lori@epa.gov](mailto:cora.lori@epa.gov)

Follow @EPAnorthwest on Twitter! <https://twitter.com/EPAnorthwest>

**From:** Pearman, Beverly [<mailto:Beverly.Pearman@portofportland.com>]  
**Sent:** Monday, May 05, 2014 11:56 AM  
**To:** Cora, Lori  
**Subject:** RE: FS process revision

Hi Lori-

In advance of our call, I am providing the following revisions to the sentence Lori Cohen sent to Tom Imeson last week. We are concerned that the reference to "any issue first addressed in a prior section" is too vague and could result in an argument that the LWG waived the right to dispute an issue just because it was referenced in an earlier section even if it has an effect on a subsequent FS section. We agree that if an issue is addressed and resolved either by agreement or dispute resolution, then we cannot raise it again. But it is unclear what it means for an issue to be "addressed" in a prior section. I also am not tracking the way the sentence is now broken up grammatically, so here's our proposal:

EPA and LWG further agree that the LWG may not seek formal dispute resolution ~~in the following three~~

~~circumstances: (1) of any issue first addressed in a prior section; , or and (2) on an issue and previously resolved by~~

agreement; or (3) dispute resolution on a prior individual section. The LWG may initiate dispute resolution to

implement a prior agreement or dispute decision, or on a subsequent FS section to address the impact or

effect of an issue on the subsequent FS section or the FS conclusions as a whole.

I look forward to discussing with you this afternoon.

Thanks-

Beverly

**From:** Pearman, Beverly  
**Sent:** Thursday, May 01, 2014 12:28 PM  
**To:** 'Cora, Lori'  
**Subject:** RE: FS process revision

Ok. Have a good weekend.

**From:** Cora, Lori [<mailto:Cora.Lori@epa.gov>]  
**Sent:** Thursday, May 01, 2014 12:27 PM  
**To:** Pearman, Beverly  
**Subject:** RE: FS process revision

Great, let's talk at 2 p.m. You can call me at the number below.

---

Lori Houck Cora | Assistant Regional Counsel  
U.S. Environmental Protection Agency | Region 10  
P: (206) 553.1115 | F: (206) 553.1762 | [cora.lori@epa.gov](mailto:cora.lori@epa.gov)

Follow @EPAnorthwest on Twitter! <https://twitter.com/EPAnorthwest>

**From:** Pearman, Beverly [<mailto:Beverly.Pearman@portofportland.com>]  
**Sent:** Thursday, May 01, 2014 12:25 PM  
**To:** Cora, Lori  
**Subject:** RE: FS process revision

I'm open on Monday between 11 am and 1 pm and then between 2 and 3 pm. I'll send you a revision and explanation by tomorrow. Thanks!

**From:** Cora, Lori [<mailto:Cora.Lori@epa.gov>]  
**Sent:** Thursday, May 01, 2014 12:18 PM  
**To:** Pearman, Beverly  
**Subject:** RE: FS process revision

Hi, Beverly. I am not available today or tomorrow. It would be useful to get your suggested change with an explanation for purpose of the change. I am pretty open on Monday to talk.

---

Lori Houck Cora | Assistant Regional Counsel  
U.S. Environmental Protection Agency | Region 10  
P: (206) 553.1115 | F: (206) 553.1762 | [cora.lori@epa.gov](mailto:cora.lori@epa.gov)

Follow @EPAnorthwest on Twitter! <https://twitter.com/EPAnorthwest>

**From:** Pearman, Beverly [<mailto:Beverly.Pearman@portofportland.com>]  
**Sent:** Thursday, May 01, 2014 11:46 AM  
**To:** Cora, Lori  
**Subject:** FS process revision

Hi Lori-

I understand from Jessica that you and I have been given the task of working out the language in the first sentence of this paragraph:

EPA and LWG further agree that the LWG may not seek formal dispute resolution in the



following three

circumstances: (1) of any issue first addressed in a prior section; , or and(2) on an issue previously resolved by

agreement; or (3) dispute resolution on a prior individual section. The LWG may initiate dispute resolution to

implement a prior agreement or dispute decision, or on a subsequent FS section to address the impact or

effect of an issue on the subsequent FS section or the FS conclusions as a whole.

Are you available at 2 pm today to talk? If not, then I could talk tomorrow at 11 am or after 3 pm. I can also send you a proposed revision before we discuss.

Thanks!

Beverly

**Beverly C. Pearman**

Assistant General Counsel

Port of Portland

7200 NE Airport Way

Portland, OR 97218

PO Box 3529

Portland, OR 97208

Direct: 503-415-6168

[beverly.pearman@portofportland.com](mailto:beverly.pearman@portofportland.com)

**EPA WEEKLY ADMINISTRATOR'S REPORT**  
**January 8, 2016 – January 17, 2016**

Priorities

Announcements - Presidential Priorities

**Jobs/Economy:** Nothing to report.

**ACA Implementation:** Nothing to report.

**Immigration:** Nothing to report.

**Climate/Energy:**

**Nonresponsive**

# Nonresponsive

# Nonresponsive

On January 12 – 14, Region 10 Administrator Dennis McLerran will participate in Government-to-Government consultation with the Nez Perce Tribe, the Siletz Tribal Council, and the Grand Ronde Tribe in separate meetings regarding the Portland Harbor Superfund remedy selection process. Closed Press, Seattle, WA.

# Nonresponsive

# Nonresponsive

# Nonresponsive

# Nonresponsive

# Nonresponsive



# Nonresponsive

# Nonresponsive

On January 21, the National Remedy Review Board's comments on the Portland Harbor Superfund site and responses to those comments will be posted on the Portland Harbor website.

# Nonresponsive

# Nonresponsive

# Nonresponsive

# Nonresponsive

# Nonresponsive

# Nonresponsive